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**HAMILTON      BURLINGTON**  
**WENTWORTH**  
**LOCAL GOVERNMENT REVIEW**

**DATA BOOK**  
**OF**  
**BASIC INFORMATION**

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**JUNE 1968**





## ERATA

✓ List of Tables: Table 4 - 10 should be titled; Homes for the Aged.

✓ List of Tables: Table C - 3 should read Origin instead of Origins.

✓ List of Tables: Table C - 4 should read Peninsula instead of Penisula.

✓ Page 1 - 4, line 8: should be local residents instead of local resident.

✓ Page 1 - 7, footnote 1: should be Local Improvement Charges instead of  
Local Improvement Changes.

✓ Page 2 - 1, line 10: should be study area instead of study are.

✓ Page 2 - 9, line 1 of note: should be The geographic boundaries instead  
of The geographic bouncaries.

✓ Page 3 - 8, line 25: should be condition instead of contition.

✓ Page 5 - 3, line 8: should be shown instead of shows.

✓ Page 5 - 3, line 17: should read Table 5 - 10, 5 - 11, 5 - 12,  
instead of Table 5 - 9, 5 - 10, 5 - 11.

✓ Page 6 - 1, line 5: should be shown instead of shows.

✓ Page 6 - 1, line 22: should be is instead of are.

✓ Page 6 - 2, line 14: should be have instead of has.

✓ Page 7 - 2, line 13: should be should be lodged instead of should lodged.

✓ Appendix B, paragraph (c): the area to be indicated in this paragraph  
should be Carlisle and not Clyde as shown.

Map 4: the sewage treatment plant indicated to exist in the  
Town of Stoney Creek is no longer operational.

Map 5: at Mount Hope the symbol P should be F.



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## INTRODUCTION

What will be the future development of the region composed of the County of Wentworth, Town of Burlington and City of Hamilton?

What changes if any should be recommended in local government if their potential is to be realized?

Are these municipalities inter-related?

Essentially these are the questions to be considered.

The ever increasing population in municipalities with large industrial and commercial areas, the development of rapid means of transportation, the shift of population from the rural areas to the urban areas and the increasingly concentrated population in the large metropolitan areas have prompted reviews of inter-municipal relations and the structure of local government.

The Ontario Committee on Taxation (The Smith Report) having reviewed the revenue system of the Province of Ontario, including the municipalities and the school boards, submitted in 1967 a report that dealt with some of the problems of local government. In the report a reorganization of the structure of local government is called for as a fundamental condition for the creation of a sound and equitable system of municipal and provincial finance.

The Ontario Department of Municipal Affairs in cooperation with the participating municipalities has been maintaining a program of study into all aspects of municipal government for certain areas of the Province. This program is carried out by independent Local Government Review Commissions. Five Commissions have completed their studies and submitted final reports. In one case, that of Ottawa-Carleton, The Province has announced its intention to proceed with legislation to institute a reorganization of local government. In his announcement concerning the Ottawa-Carleton Area, The Minister of Municipal Affairs, The Honourable Mr. W. Darcy McKeough, was careful to specify that the particular municipal structure being

established in the Ottawa-Carleton area was not necessarily intended as a general solution to the question of municipal reorganization throughout Ontario.

On August 29th, 1967, The Hamilton - Burlington - Wentworth Local Government Review Commission was established under Section 17 (a) of The Department of Municipal Affairs Act. This action was in accord with a resolution approved by the City of Hamilton, the County of Wentworth and the Town of Burlington requesting that a study be commenced.

Although a study of this kind had been the subject of inter-municipal meetings on various occasions in earlier years the growth of local support for such a project became evident earlier in the year 1967 when a delegation of local representatives including the Warden of the County of Wentworth, the Mayor of the City of Hamilton, the Mayor of the Town of Stoney Creek, a member of the Council of the Town of Dundas, the Reeves of the Township of Ancaster, Saltfleet and West Flamborough, and the Mayor of the Town of Burlington (as an observer) attended on The Minister of Municipal Affairs requesting such a study.

Information from the provincial records and financial statistics have been included for the Town of Grimsby and the Township of North Grimsby because of a communication from these municipalities that they might be in the same economic area of influence as the area under study.

The Commission proposes to conduct the study in three phases. The first phase is the preparation and publication of a Data Book of Basic Information called the "Data Book"; the second phase is the calling for and acceptance of written submissions and the convening of public hearings; the third phase is the preparation of the final report to be submitted to The Minister of Municipal Affairs.

During the first phase of the Hamilton - Burlington - Wentworth Local Government Review the Commission has carried out a lengthy series of interviews with local and provincial officials. As well, the Municipal Research Branch of the Ontario Department of Municipal Affairs has collected for the Commission a large file of financial and statistical information on the area.



This Data Book is intended to serve as an aid to those persons involved in the preparation of submissions for the consideration of the Commission. The financial statistics for the Data Book have been compiled by Mr. R. Picherack, the Research Officer acting for the Commission, from information obtained from the records of the various departments of the Ontario Government, including the Department of Municipal Affairs and the Department of Education and from replies to questionnaires completed for the Commission by municipal officials in the study area. There are neither recommendations nor conclusions appearing in the data book and it is expected that any implications arising therefrom will be the result of our neutral investigation.

In the task of preparing the data book, the Commission is indebted to the many municipal officials, elected and appointed, who have provided much valuable information. The Commission has also received much valuable assistance from the numerous departments of the Provincial Government, including the Community Planning Branch of The Department of Municipal Affairs, who have produced all the art work required for the maps contained in this report.

During the second phase of the study, all municipal Councils, local boards, organizations and individuals either within or outside of the study area are invited to submit written submissions for consideration by the Commission. This phase will consist of public hearings to be convened within the study area, times and places of hearings will be well publicized in advance. It is hoped that those persons presenting written submissions will be available at the hearings to amplify the statements made in their briefs and to answer questions on them, and that all other interested parties will appear in person to make known their views or their suggestions for an appropriate system of local government for the area under review.

The last chapter of the Data Book provides a brief statement of the Commission's intended program for the second phase of the study.

The Commission, as a result of its studies including the information contained in the Data Book, the representations to be made by the

municipalities and other interested groups intends to recommend a form of municipal organization being either a continuation of the present structure or some form of revised structure which will be in their opinion best fitted to service the area.



## CHAPTER 1

### MUNICIPALITIES IN THE STUDY AREA

#### The Study Area

The terms of reference of the Hamilton - Burlington - Wentworth Local Government Review include all of the municipalities making up the geographic County of Wentworth, including the City of Hamilton and the Town of Burlington in the County of Halton. This area will be identified as the "study area" throughout this report.

In Ontario, cities (and separated towns) do not take part in the administration of the county system of local government. The City of Hamilton is the only municipality within the County of Wentworth having the status of a city, and is therefore not a part of the county administrative unit. The Town of Burlington is within the County of Halton and is part of that county for municipal purposes. The County of Wentworth includes only the following for municipal purposes: the Towns of Dundas and Stoney Creek; the Village of Waterdown; the Townships of Ancaster, Beverly, Binbrook, East Flamborough, West Flamborough, Glanford and Saltfleet.

Any reference to the County of Wentworth in a subsequent part of this report excludes both the City of Hamilton and the Town of Burlington.

For each municipality the date of incorporation and the date of the last change of municipal status are provided in Table 1-1. The police villages in the study area are listed in Table 1-2.

Originally known as "The Head of the Lake", the study area was first settled by loyalist farmers arriving from New York after 1782. By 1794 land surveys to determine township boundaries were essentially completed.

Dundas became established as the manufacturing centre of the area, but Hamilton soon attained a dominant position in the commerce of the area. Shortly after attaining the status of City in 1847, Hamilton began to challenge the lead that Dundas had previously enjoyed in milling and manu-

facturing activities.

Technical innovations that lead to the development of the steam engine and railway locomotive confirmed Hamilton's role as the area's major commercial and industrial centre.

The ports of Burlington and Port Nelson enjoyed commercial prosperity during most of the 19th century. After 1890, however, the lumber trade that had provided the base of this activity declined rapidly. The timber stands along the escarpment were by then depleted, and much of the acreage in the vicinity had been converted to agricultural use. Port facilities on the north side of Burlington Bay were surpassed by the development of the harbour in Hamilton. Until relatively recent times, Burlington has remained as a market gardening agricultural area and residential suburb. Reference to other chapters of the report will establish for the reader that Burlington, in this last decade, has been subject to extensive residential and industrial developments.

Until recently, the remainder of the County of Wentworth, with the possible exception of the Town of Stoney Creek, experienced little concentrated urban development.

The City of Hamilton, with 66.4% of the total population of the study area, covers 10.0% of the land area. The Town of Burlington with 14.7% of the total population, covers 15.5% of the land area. Local municipalities within the County of Wentworth have 18.9% of the total population and 74.5% of the land area.

### The Extent of Urbanization

Map 2 shows the approximate extent of existing urbanization according to a general classification of land use categories. Map 3 shows a projection of the urbanization in the area. See Appendix B for explanatory comments on the land-use maps.

Sources of information used for Burlington, Waterdown and East Flamborough were different from those employed for the remainder of



the study area. However, as these surveys only suggest what might occur in the future, the presentation of them together may not be objectionable.

### Local Government Institutions

The "Baldwin" Municipal Act of 1849 was the first general act providing for the incorporation of municipalities. This act created the basic municipal framework of cities, towns, villages and townships that to the present day remain in only slightly amended form.

Until 1853 the two counties at the head of the lake were grouped together as the United Counties of Wentworth and Halton, and for a time the County of Brant was included in this administrative structure. The "Baldwin" Municipal Act had placed the Townships of East Flamborough and West Flamborough in the County of Halton. The three counties were separated by Royal Proclamation in 1854, and the county boundaries were revised to incorporate the two Flamborough Townships into the new County of Wentworth. This system of organization continued unchanged until 1959 when part of the Township of East Flamborough was annexed in the Town of Burlington by a decision of the Ontario Municipal Board.

### Recent Developments in Municipal Government and Annexations

Map 1 and Table 1-1 set out the history of amalgamations and annexations in the study area. A trend towards larger changes around 1960 is shown in Table 1-1. These large amalgamations and annexations reduced the frequency of proceedings, and the urban municipalities involved have been granted thereby more authority to direct or control the spread of development within the enlarged municipalities.

### Special Area Rates

Several provisions embodied in various provincial acts permit the recovery of capital and operating costs for designated services from those

areas that are deemed to benefit. Table 1-2 lists the special areas that exist in the study area. Special capital levies, local improvement charges and operating service charges facilitate the provision of some designated service to any particular locality within a municipality that has attained a degree of urban concentration. The Council may levy a special mill rate, or frontage charge, on properties in an area designated as receiving some actual or anticipated benefit from the construction of a capital project and its operation. Often the service is provided upon petition by local residents, and the system of financing is designed to localize the benefits. In addition to establishing special area rates such as fire, The Police Protection Act, 1967, provides for special area charges for police protection.

#### General Area Rates

The urban service area rate is an elaboration upon the special area. The device operates by defining the entire urban development area that is deemed to receive actual or deferred benefits from the services provided. A special mill rate is then applied to the urban area to recover the costs of the urban services supplied or anticipated therein. The boundary of the general improvement area is flexible and can be extended from time to time.

#### The Role of Provincial Grants

In addition to the legislative enactments mentioned above, the Province through its various departments and by its system of grants to municipalities may affect the type of municipal structure, city, town, village or township, due to the different rates of grants for different types of municipalities. The rates of grants for such items as roads and health have varied depending upon the status of a municipality and can have a considerable financial influence upon its policy decisions.



TABLE 1 - 1  
INCORPORATIONS AND ANNEXATIONS OR AMALGAMATIONS

<u>Municipality</u>	<u>Incorporation</u>	<u>Last Change in Status</u>	<u>Annexations or Amalgamations</u>	<u>Date of Annexations or Amalgamations</u>	<u>Area Involved (acres)</u>
City: Hamilton	June, 1846	--	Saltfleet	Jan., 1960	146
			Ancaster	Jan., 1960	715
			Glanford	Jan., 1960	1,315
			Barton	Jan., 1960	6,124
			Saltfleet	Jan., 1960	600
			Saltfleet	Feb., 1956	2,000
			Burlington Beach		
			Commission	Jan., 1952	92
			Barton	Jan., 1952	2,320
			Ancaster	Jan., 1952	n. a.
Towns: Dundas	March, 1848	--	Saltfleet	Jan., 1949	782
			Barton	Jan., 1949	528
			West Flamborough	July, 1951	50
			Ancaster	Jan., 1952	n. a.
			West Flamborough	Dec., 1953	n. a.
			Ancaster	Jan., 1954	30
			West Flamborough	Sept., 1955	8
			West Flamborough	Jan., 1960	1,570
			Ancaster	Jan., 1960	765

Stoney Creek	Dec., 1930	Jan., 1956	Saltfleet	Dec., 1952	n. a.
Village:					
Waterdown	Jan., 1879	--	--	--	--
Townships:					
Ancaster	Jan., 1850	--	--	--	--
Beverly	Jan., 1850	--	--	--	--
Binbrook	Jan., 1850	--	--	--	--
East Flamborough	Jan., 1850	--	--	--	--
West Flamborough	Jan., 1850	--	--	--	--
Glanford	Jan., 1850	--	--	--	--
Saltfleet	Jan., 1850	--	--	--	--
Town:					
Burlington	Sept., 1873	Dec., 1914	Nelson	June, 1950	n. a.
			Nelson	Dec., 1951	n. a.
			Nelson	Jan., 1953	n. a.
			Nelson	Jan. 1958	46, 210
			East Flamborough	Jan., 1958	6, 200
			City - Hamilton	Jan., 1965	n. a.
Town:					
Grimsby	Feb., 1876	July, 1921	North Grimsby	Jan., 1953	n. a.
			North Grimsby	June, 1956	292
Township:					
North Grimsby	Dec., 1882	--	--	--	--

n. a. - means acreage not available from the Library of the Ontario Department of Municipal Affairs.

Source: Library, Ontario Department of Municipal Affairs.  
Prepared by: Municipal Research Branch, Ontario Department of Municipal Affairs.



TABLE 1 - 2

POLICE VILLAGES AND  
SPECIAL AREA RATES <sup>1/</sup>

MunicipalityHamilton <sup>2/</sup>

Sewer Area Rates

Dundas

No Special Area Tax Levies

Stoney Creek <sup>2/</sup>

" " " " "

Waterdown

" " " " "

Ancaster

Police Village of Ancaster, Police Village of Lynden, Garbage Area Rates, Water Areas (1, 15 & 16), Street Lighting Areas (Ancaster, Lynden, Jerseyville), Hamilton Region Conservation Authority, Niagara Peninsula Conservation Authority.

Beverly

Police Village of Lynden, Sheffield Street Lighting, Lynden fire area.

Binbrook

No Special Area Rates

East Flamborough

Garbage Area, Carlisle Street Lighting.

West Flamborough

Police Village of Freelon, Valley Community Centre.

Glanford

No Special Area Rates

Saltfleet

Water Areas ( 1 to 6 ) Sewer Areas, Winona Street Lighting.

Burlington

General Improvement Area

Town of Grimsby

No Special Area Rates

North Grimsby

Sewer Areas

<sup>1/</sup> Tax levies applicable in part of the municipality only, including sewer rates levied under The Municipal Act but excluding Local Improvement Charges, Charges.

<sup>2/</sup> Water Rates levied on Tax Bill.

Source: Ontario Department of Municipal Affairs.

Prepared by: Municipal Research Branch,  
Ontario Department of  
Municipal Affairs.





POPULATION AND ECONOMYPopulation

Table 2-1 presents an historical summary of population growth in the study area. Throughout the twentieth century (except for the period 1931-41 coincident with the depression) the study area has been increasing its relative share of the total provincial population (from 3.8% in 1901 to 6.5% in 1966). Indeed, the relative rate of growth of population in the study area as compared with the total for the rest of the province has been appreciably higher during all periods, save the one noted above, since at least the turn of the century. This is more readily apparent in Table 2-2 where the numerical and relative increase in population are tabulated for both the study ~~area~~<sup>area</sup> and the remainder of the province.

A particularly noteworthy feature that is revealed in Table 2-2 is the unprecedented growth of population occurring in the post-war years and especially in the 1951-56 period. In this period 7.18% of total provincial growth in population was accounted for by the study area. The average annual rate of growth of population in the study area during this five-year period was 3.83%, slightly higher than the rate of 3.25% that was experienced by the remainder of Ontario. In the succeeding two periods (1956-61 and 1961-66) the rate of growth of the provincial population as well as of the population of the study area has steadily fallen off.

As indicated in the footnotes to Table 2-1, and in Map 1, boundaries within the study area have undergone several changes in recent years. Some of these changes were substantial, and therefore create problems in obtaining meaningful inter-year comparisons. However, for purposes of comparison the population statistics for 1951 have been brought into conformity with the municipal boundaries extant in 1966. The resulting population figures are therefore standardized for the study area as presented in Table 2-3.

In 1951 the City of Hamilton accounted for over 80% of the total population in the area. By 1966 this proportion had decreased to only 66.4%

while the remaining municipalities in Wentworth County experienced a relatively moderate gain from 13.0% in 1951 to 18.9% in 1966. The Town of Burlington experienced a stronger growth, increasing its share from 6.7% of the total real population in 1951 to 14.7% in 1966. More explicitly, and with the aid of Table 2-3, the City of Hamilton with 80.3% of the total real population in 1951 accounted for only 43.3% of the growth in the period 1951-66, while the Town of Burlington with only 6.7% of total population in 1951 accounted for 27.9% of aggregate growth. Table 2-3 shows population changes in absolute terms. The sections of Table 2-3 that show the percentage distributions can be used in conjunction to obtain a summarized version of the changing patterns of growth in the municipalities of the study area. For instance the Township of Ancaster with 1.6% of total population in 1951 accounted for 7.9% of population growth in the 1951-56 period. In the two following five-year periods it accounted for 7.4% and 3.0% of total growth, thereby increasing its share of total population to 3.3% in 1966, more than double its 1951 share of total area population.

Table 2-4 shows the age group composition of the population by municipality. Generally, the direction and magnitude of change in the structure of population in the study area resembles that experienced by the Province. In both cases the birth rate increased steadily until the nineteen sixties and then dropped rather sharply. This is evidenced by the fact that only 10.4% of the population in the Province and 10.6% in the study area respectively were under four years of age in 1966, substantially lower than the 11.9% level of 1961.

In 1951, 31.6% of the population in the study area was under twenty years of age. This proportion had increased to 39.5% by 1966. By comparison, the provincial figures for these two years were 33.8% and 39.9% .

The proportion of population falling within the 20-64 year age group has consistently been somewhat higher in the study area than in the province, and the study area continues to account for a lower proportion of total population over the age of 64 than does the province.



Within the study area, the individual municipalities show an appreciable degree of divergence in the age-structuring of their populations. The City of Hamilton for instance accounted for only 9.9% of the population in 0-4 age group in 1966 and for 27.4% of the 5-19 age group. This contrasts with the Town of Burlington and the study total where the comparable proportions were (12.3% and 31.4%) and (10.6% and 28.9%) respectively. On the other hand, the City of Hamilton accounts for a greater than proportionate number of persons in the 20 and over age groups than do the other municipalities in the study area, other than the Town of Stoney Creek.

Table 2-5 provides a detailed account of population change resulting from migration and gives some indication of the magnitude of regional population movements.

Of the 338,294 people who resided in the study area in 1956, 292,711<sup>1/</sup> were still there in 1961. Of these, only 167,765 (or 42.5% of the 1961 population in the area) had not moved from one location to another while 124,946 had relocated within the study area. In effect, most (82.7%) of the movement within the area was from the centres of urbanization to the fringe or suburban areas; only 17.3% of the intra-regional migrants moved in the opposite direction. Although population statistics by age group are not adequately detailed, they do indicate that intra-regional movers fall roughly within two categories: heads of families who range in age from the late twenties to the late thirties together with their families appear to account for a significant portion of the movement away from the city centres while those ranging in age from the late teens to the mid-twenties appear to account for most of the reverse flow back to the city centres.

Table 2-6 shows the urban-rural structure of population for the Counties of Wentworth and Halton and the Province of Ontario. Due to discontinuities in the Census information as a result of changes in the definition of rural farm and rural non-farm, it is not possible to establish the existence of a definite trend over more than two periods of time for the farm,

<sup>1/</sup> Non-movers (167,765) plus movers within study area (124,946).

non-farm categories. However, the definition of urban is sufficiently consistent for comparative purposes over the period 1951-66 for which data is available. From the last column of Table 2-6 it is readily apparent that at least since 1951 the trend in the province has been towards increased urbanization. A similar but rather more marked trend is also evident in the County of Halton, but in the County of Wentworth a somewhat different pattern of growth is in evidence for the 15 year period under consideration. It is evident that the rural farm population in the County of Wentworth constituted a relatively constant share of total population during the post-war years, but the rural non-farm component which was negligible in 1951 has grown to account for about 7% of the total population in Wentworth County.

#### Labour Force

The 1961 Census of Canada contains labour force data for the study area and for the larger urban concentrations therein. Unfortunately, more recent data is not available and earlier data (1951 Census) is not directly comparable.

Table 2-7 shows the male and female labour force by municipality. Data for the cities of Toronto, London, Kitchener, Windsor and the Province of Ontario are also included for comparative purposes. The male participation rate for the study area is somewhat higher than the Ontario average while the female participation rate is somewhat lower. Within the study area the variation among municipalities is considerably more pronounced. Also, despite the fact that the City of Hamilton accounts for a higher percentage of population in the 20-64 year age group than do the other municipalities, its participation rate for males is lower. However, the participation rate for females in the City of Hamilton is higher than in the other municipalities.

Table 2-8 shows the male and female labour force broken down by industry and age group for the study area in 1961. The last two columns

show that the primary resource industries in the study area account for a significantly lower proportion of the male and female labour force than is the case in the remainder of Ontario. Compared to the rest of Ontario, a larger proportion of the male and female labour force in the study area is engaged in the manufacturing and construction industries, and the trade and service industries in the study area account for a larger percentage of the total female labour force than is the case in the rest of the province.

The level of employment in the manufacturing industries, has not risen appreciably in the study area. This is shown in Table 2-9. These tables show that employment in the manufacturing industries has risen approximately 5% between 1956 and 1964, although the selling value of factory shipments has risen approximately 60% in the same period.

Table 2-9 also reveals that although most of the study area's manufacturing activity is still localized in the City of Hamilton, the Town of Burlington is increasing its percentage of manufacturing facilities in the study area.

Tables 2-10, 2-11 and 2-12 contain income statistics of the study area. These statistics are related to the totals for the Province of Ontario.

Tables 2-13 to 2-16 inclusive contain statistics pertaining to the construction industry, particularly residential construction, in the study area. Table 2-13 contains data for only three years. Despite the lack of comparable data over a longer period of time, some useful comparisons can be made with other urban centres. Land cost and construction cost increases in the study area were generally less than in the other major urban areas shown excepting London. It is also evident that the rising cost of serviced land has been the major element in contributing to the increased cost of new N. H. A. financed bungalows in the study area.

Table 2-14 shows the number of residential building permits issued in the study area. It reveals the decrease in the construction of single family detached dwellings in the City of Hamilton since 1957. On the



other hand the number of apartment dwelling units added has steadily increased. In the Town of Burlington the construction of both types of dwelling units (single and multiple) has grown apace, while in the rural townships and in the Village of Waterdown no multiple development has yet begun on any appreciable scale.

Table 2-15 supplements Table 2-14. It shows the number of housing starts in the study area and the percentage distributions by municipality. Although data is presented for only four years which is insufficient to establish the existence of a long-term trend, the City of Hamilton does appear to be gradually declining while the Town of Burlington has been increasing its relative share of new residential housing.

Table 2-16 shows the value of residential construction in the study area along with the value of non-residential construction for the years 1966 and 1967. The percentage distributions shown are similar to those for earlier years, as are the relative positions of the municipalities.

Table 2-17 shows some characteristics of households in the study area. These are compared to other major urban areas as shown.

### Agriculture

Table 2-18 shows the number, area and average size of farms. This table suggests that although the number of farms and the total area of farmland in the municipalities of the study area are both declining, the average size of the individual holdings is increasing.

Agricultural statistics are not readily separable from aggregates for the County of Halton and are therefore not available in the remaining tables. Tables 2-19 and 2-20 showing census farms classified by total area and by area of improved land support this contention.

In the County of Wentworth Table 2-19 shows the number of farms under 240 acres in total size had decreased in the period 1961 to 1966 while the number of farms over 240 acres in total size had increased.

Table 2-20 shows that in the County of Wentworth and in the Province of Ontario the percentage of total farm area that is classified as improved has increased in the period 1961 to 1966.

Table 2-21 shows that in the County of Wentworth the area of farmlands owned has declined while the area of farmland rented has increased in the period 1961 to 1966.

This table also shows that the population on census farms in the County of Wentworth has declined relative to the total population within the province although their number is fairly constant.

Table 2-22 presents further evidence of the growth of large scale farming in the County of Wentworth. In the County of Wentworth the number of farms with the value of agriculture products sold in excess of \$15,000 had increased appreciably in the period 1961-1966. To some degree this is ascribable to more intensive farming practices and to implementation of more efficient methods as well as to price rises.

TABLE 2 - 1.

HISTORICAL POPULATION STATISTICS - 1901 - 1966

Municipality	1901	1911	1921	1931	1941	1951	1956	1961	1966
City:									
Hamilton 1/	56,254	86,479	124,316	158,842	172,898	219,630 2/	247,989 2/	273,991 2/	298,121 6/
Towns:									
Dundas	3,173	4,299	4,978	5,026	5,276	6,846	9,507 3/	12,912 3/	15,501
Stoney Creek	--	--	--	877	1,007	1,922	4,506 4/	6,043	7,243
Total - Towns	3,173	4,299	4,978	5,903	6,283	8,768	14,013	18,955	22,744
Village:									
Waterdown	622	756	754	921	910	1,347	1,754	1,844	1,935
Townships:									
Ancaster	3,863	4,136	5,586	4,596	5,259	7,648 2/	11,304 2/3/	13,338 2/3/	14,960
Beverly	3,999	3,629	3,516	3,514	3,428	4,138	4,559	5,023	5,520
Binbrook	1,403	1,254	1,260	1,175	1,186	1,384	1,865	2,557	3,131
East Flamborough	2,522	2,646	3,008	3,686	4,034	7,045	11,895	4,334 5/	5,089
West Flamborough	2,822	2,736	2,840	2,809	2,869	4,229	5,753 3/	7,001 3/	7,928
Glanford	1,585	1,413	1,409	1,356	1,641	2,444	4,039	4,714 2/	5,763
Saltfleet	3,209	4,458	5,900	7,217	8,213	9,450 2/	13,067 2/4/	16,424 2/	17,984
Total - Townships	19,403	20,272	23,519	24,353	26,630	36,338	52,482	53,391	60,375
Town:									
Burlington	3,895	4,741	6,065	6,828	7,984	14,210	22,056	47,008 2/5/	65,941 6/
Total - Study Area	83,347	116,447	159,632	196,847	214,705	280,293	338,294	395,189	449,116





TABLE 2-2  
POPULATION INCREASES  
FOR  
INTERCENSAL PERIODS - 1901 - 1966  
STUDY AREA AND REMAINDER OF ONTARIO <sup>1/</sup>

Year	Increase in Population			Population Growth Rate <sup>2/</sup>	
	Study Area	Remainder of Ontario	Study Area as Percent of Total Ontario <sup>3/</sup>	Study Area	Remainder of Ontario
			%	%	%
1901 - 1911	33,100	311,245	9.61	3.40	1.39
1911 - 1921	43,185	363,185	10.63	3.20	1.41
1921 - 1931	37,215	460,806	7.47	2.12	1.55
1931 - 1941	17,858	338,114	5.02	0.87	1.00
1941 - 1951	65,588	744,299	8.10	2.70	1.91
1951 - 1956	58,001	749,390	7.18	3.83	3.25
1956 - 1961	56,895	774,264	6.85	3.16	2.88
1961 - 1966	53,927	670,851	7.44	2.59	2.20
1901 - 1951	196,946	2,217,649	8.16	2.46	1.45
1951 - 1966	168,823	2,194,505	7.14	3.19	2.78
1901 - 1966	365,769	4,412,154	7.66	2.63	1.76

<sup>1/</sup> Remainder of Ontario - Province of Ontario exclusive of Study Area.

<sup>2/</sup> Compound rate of growth.

<sup>3/</sup> This column shows the proportion of total provincial growth in population that was accounted for by the Study Area in each period specified.

Prepared by: Municipal Research Branch  
Ontario Department of  
Municipal Affairs

TABLE 2-3

POPULATION: (ADJUSTED TO CONFORM TO AREAS AS OF 1961) <sup>1/</sup>



TABLE 2 - 3

POPULATION: (ADJUSTED TO CONFORM TO AREAS AS OF 1961) 1/

Municipality	Total Population			Municipalities as Percentage of Study Total			
	1951	1956	1961	1951 %	1956 %	1961 %	1966 %
City: Hamilton	224,951	250,914	273,991	80.3	74.2	69.3	66.4
Towns:							
Dundas	7,941	10,886	12,912	2.8	3.2	3.3	3.5
Stoney Creek	1,922	4,506	6,043	0.7	1.3	1.5	1.6
Total - Towns	9,863	15,392	18,955	3.5	4.5	4.8	5.1
Village: Waterdown	1,347	1,754	1,844	0.5	0.5	0.5	0.4
Townships:							
Ancaster	4,586	9,157	13,338	1.6	2.7	3.4	3.3
Beverly	4,138	4,559	5,023	1.5	1.3	1.3	1.2
Binbrook	1,384	1,865	2,557	0.5	0.5	0.6	0.7
East Flamborough	2,342	3,427	4,334	0.8	1.0	1.1	1.1
West Flamborough	3,925	5,294	7,001	1.4	1.6	1.8	1.8
Glanford	1,871	3,025	4,714	0.7	0.8	1.2	1.3
Saltfleet	6,973	12,383	16,424	2.5	3.7	4.2	4.0
Total - Townships	25,219	39,710	53,391	9.0	11.7	13.5	13.4
Total - Towns, Village & Townships	36,429	56,856	74,190	13.0	16.8	18.8	18.9

Sub-Total	261,380	307,770	348,181	383,175	93.3	91.0	88.1	85.3
Town: Burlington	18,913	30,524	47,008	65,941	6.7	9.0	11.9	14.7
Total - Study Area	280,293	338,294	395,189	449,116	100.0	100.0	100.0	100.0
Town: Grimsby	2,773	3,805 <u>2/</u>	5,148 <u>2/</u>	6,634	--	--	--	--
Township: North Grimsby	2,973	3,973 <u>2/</u>	5,757 <u>2/</u>	7,180	--	--	--	--

1/ 1966 population is based on areas as incorporated in 1966; save for one minor boundary change as noted in footnote 6/ to Table 1 the areas of 1966 are directly comparable with the 1961 areas.

2/ See footnote 7/ Table 1. Data for Grimsby not adjusted to conform to 1961 boundaries.

Source: Census of Canada.

Prepared by: Municipal Research Branch,  
Ontario Department of Municipal Affairs.

TABLE 2 - 3 (cont'd)

INCREASE IN POPULATION

Municipality	1951 to 1956		1956 to 1961		1961 to 1966		Municipalities as Percentage of Study Total			
		%		%		%	1951-56	1956-61	1961-66	1951-66
City:							%	%	%	%
Hamilton	25,963	11.5	23,077	9.2	24,130	8.8	44.8	40.6	44.8	43.3
Towns:										
Dundas	2,945	37.1	2,026	18.6	2,589	20.1	5.1	3.6	4.8	4.5
Stoney Creek	2,584	134.4	1,537	34.1	1,200	19.9	4.5	2.7	2.2	3.1
Total - Towns	5,529	56.1	3,563	23.1	3,789	20.0	9.5	6.3	7.0	7.6
Village:										
Waterdown	407	30.2	90	5.1	91	4.9	0.7	0.2	0.2	0.4
Townships:										
Ancaster	4,571	99.7	4,181	45.7	1,622	12.2	7.9	7.4	3.0	6.2
Beverly	421	10.2	464	10.2	497	9.9	0.7	0.8	0.9	0.8
Binbrook	481	34.8	692	37.1	574	22.4	0.8	1.2	1.1	1.0
East Flamborough	1,085	46.3	907	26.5	755	17.4	1.9	1.6	1.4	1.6
West Flamborough	1,369	34.9	1,707	32.2	927	13.2	2.4	3.0	1.7	2.4
Glanford	1,154	61.7	1,689	55.8	1,049	22.3	2.0	3.0	2.0	2.3
Saltfleet	5,410	77.6	4,041	32.6	1,560	9.5	9.3	7.1	2.9	6.5
Total - Townships	14,491	57.5	13,681	34.5	6,984	13.1	25.0	24.0	13.0	20.8
Total - Towns, Village & Townships	20,427	56.1	17,334	30.5	10,864	14.6	35.2	30.5	20.1	28.8



Sub-Total	46,390	17.7	40,411	13.1	34,994	10.1	80.0	71.0	64.9	72.1
Town:										
Burlington	11,611	61.4	16,484	54.0	18,933	40.3	20.0	29.0	35.1	27.9
Total - Study Area	58,001	20.7	56,895	16.8	53,927	13.6	100.0	100.0	100.0	100.0
Town:										
Grimsby <u>1</u> /	1,032	37.2	1,343	35.3	1,486	28.9	--	--	--	--
Township:										
North Grimsby <u>1</u> /	1,000	33.6	1,784	44.9	1,423	24.7	--	--	--	--

1/ Data for Grimsby not adjusted to conform to 1961 boundaries. See footnote 7/ Table 1.

Source: Census of Canada.

Prepared by: Municipal Research Branch,  
Ontario Department of Municipal Affairs.

TABLE 2 - 4

POPULATION BY SPECIFIED AGE GROUP - 1951; 1956; 1961; 1966

	Total Population	Percentage Distribution by Age Group				Municipalities as % of Total Study Area			
		Age Group				Total Study Area			
		0 - 4	5 - 19	20 - 64	65 & Over	0-4	5-19	20-64	65 & Over
		No.	No.	No.	No.	%	%	%	%
City:									
Hamilton	1966	298,121	81,575	160,529	26,423	9.9	27.4	53.8	8.9
	1961	273,991	68,970	150,546	23,783	11.2	25.2	54.9	8.7
	1956	250,914	56,275	145,631	21,515	11.0	22.4	58.0	8.6
	1951	224,951	45,491	137,044	19,009	10.4	20.2	60.9	8.5
	% change								
	66/61	8.8	18.3	6.6	11.1				
	61/56	9.2	22.6	3.4	10.5				
	56/51	11.5	23.7	6.3	13.2				
Town:									
Dundas	1966	15,501	4,510	7,951	1,312	11.1	29.1	51.3	8.5
	1961	12,912	3,528	6,667	1,148	12.2	27.3	51.6	8.9
	1956	10,886	2,609	5,946	1,063	11.6	24.0	54.6	9.8
	1951	7,941	1,724	4,470	854	11.2	21.7	56.3	10.8
	% change								
	66/61	20.1	27.8	19.3	14.3				
	61/56	18.6	35.2	12.1	8.0				
	56/51	37.1	51.3	33.0	24.5				
Stoney Creek	1966	7,243	1,993	4,032	459	10.5	27.5	55.7	6.3
	1961	6,043	1,684	3,297	347	11.8	27.9	54.6	5.7
	1956	4,506	1,084	2,549	280	13.2	24.0	56.6	6.2
	1951	1,922	401	1,109	160	13.1	20.9	57.7	8.3

% Change

66/61	19.9	6.2	18.3	22.3	32.3
61/56	34.1	20.6	55.4	29.3	23.9
56/51	134.4	135.3	170.3	129.8	75.0

Total Towns

1966	22,744	2,487	6,503	11,983	1,771	10.9	28.6	52.7	7.8	5.1	5.2	5.0	5.1	5.1
1961	18,955	2,284	5,212	9,964	1,495	12.0	27.5	52.6	7.9	4.8	4.9	5.0	4.7	4.8
1956	15,392	1,861	3,693	8,495	1,343	12.1	24.0	55.2	8.7	4.5	4.8	4.7	4.4	4.9
1951	9,863	1,145	2,125	5,579	1,014	11.6	21.5	56.6	10.3	3.5	3.8	3.7	3.3	4.3

% change

66/61	20.0	8.9	24.8	20.3	18.5
61/56	23.1	22.7	41.1	17.3	11.3
56/51	56.1	62.5	73.8	52.3	32.4

Village:

Waterdown

1966	1,935	199	605	952	179	10.3	31.3	49.2	9.2	0.4	0.4	0.5	0.4	0.5
1961	1,844	173	595	927	149	9.4	32.2	50.3	8.1	0.5	0.4	0.6	0.4	0.5
1956	1,754	216	467	911	160	12.3	26.6	52.0	9.1	0.5	0.5	0.6	0.5	0.6
1951	1,347	158	312	724	153	11.7	23.2	53.7	11.4	0.5	0.5	0.5	0.4	0.6

% change

66/61	4.9	15.0	1.7	2.7	20.1
61/56	5.1	-(19.9)	27.4	1.8	-(6.9)
56/51	30.2	36.7	49.7	25.8	4.6

Townships:

Ancaster

1966	14,960	1,687	5,068	7,402	803	11.3	33.9	49.4	5.4	3.3	3.6	3.9	3.1	2.3
1961	13,338	1,816	4,140	6,676	706	13.6	31.0	50.1	5.3	3.4	3.9	3.9	3.2	2.3
1956	9,157	1,189	2,341	5,024	603	13.0	25.6	54.8	6.6	2.7	3.0	3.0	2.6	2.2
1951	4,586	505	983	2,677	421	11.0	21.4	58.4	9.2	1.6	1.7	1.7	1.6	1.8

% change

66/61	12.2	-(7.1)	22.4	10.9	13.7
61/56	45.7	52.7	76.8	32.9	17.1
56/51	99.7	135.4	138.1	87.7	43.2



TABLE 2 - 4 (cont'd)

POPULATION BY SPECIFIED AGE GROUP - 1951; 1956; 1961; 1966

	Total Population	Percentage Distribution by Age Group				Municipalities as % of Total Study Area			
		Age Group				Total			
		0 - 4	5 - 19	20 - 64	65 & Over	0-4	5-19	20-64	65 & Over
		No.	No.	No.	No.	%	%	%	%
Beverly	1966	635	1,832	2,600	453	11.5	33.2	47.1	8.2
	1961	611	1,567	2,406	439	12.2	31.2	47.9	8.7
	1956	539	1,349	2,263	408	11.8	29.6	49.6	9.0
	1951	482	1,144	2,100	412	11.6	27.6	50.8	10.0
	% change								
	66/61	3.9	16.9	8.1	3.2				
	61/56	13.4	16.2	6.3	7.6				
Binbrook	1966	403	1,039	1,492	197	12.9	33.2	47.7	6.3
	1961	362	752	1,261	182	14.2	29.4	49.3	7.1
	1956	241	499	949	176	12.9	26.8	50.9	9.4
	1951	165	337	732	150	11.9	24.4	52.9	10.8
	% change								
	66/61	11.3	38.2	18.3	8.2				
	61/56	50.2	50.7	32.9	3.4				
East Flamborough	1966	561	1,749	2,466	313	11.0	34.4	48.5	6.1
	1961	592	1,381	2,079	282	13.6	31.9	48.0	6.5
	1956	453	870	1,906	198	13.2	25.4	55.6	5.8
	1951	298	538	1,347	159	12.7	23.0	57.5	6.8
	% change								
	66/61	25.5	33.3	18.3	17.3				
	61/56	25.5	33.3	18.3	17.3				

West Flamborough	% change																
	66/61	17.4	-(5.2)	26.6	18.6	11.0											
	61/56	26.5	30.7	58.7	9.1	42.4											
	56/51	46.3	52.0	61.7	41.5	24.5											
	1966	7,928	971	2,621	3,871	465	12.2	33.1	48.8	5.9	1.8	2.0	2.0	1.7	1.3		
	1961	7,001	1,005	2,093	3,452	451	14.4	29.9	49.3	6.4	1.8	2.1	2.0	1.6	1.5		
	1956	5,294	688	1,549	2,679	378	13.0	29.3	50.6	7.1	1.6	1.8	2.0	1.4	1.4		
	1951	3,925	560	929	2,128	308	14.3	23.7	54.2	7.8	1.4	1.8	1.6	1.3	1.3		
	% change																
	66/61	13.2	-(3.4)	25.2	12.1	3.1											
Glanford	61/56	32.2	46.1	35.1	28.9	19.3											
	56/51	34.9	22.9	66.7	25.9	22.7											
	1966	5,763	781	1,965	2,777	240	13.5	34.1	48.2	4.2	1.3	1.6	1.5	1.2	0.7	2.1	
	1961	4,714	712	1,419	2,351	232	15.1	30.1	49.9	4.9	1.2	1.5	1.3	1.1	0.7		
	1956	3,025	458	821	1,573	173	15.1	27.2	52.0	5.7	0.9	1.2	1.0	0.8	0.6		
	1951	1,871	271	450	1,008	142	14.5	24.0	53.9	7.6	0.7	0.9	0.8	0.6	0.6		
	% change																
	66/61	22.3	9.7	38.5	18.1	3.4											
	61/56	55.8	55.5	72.8	49.5	34.1											
	56/51	61.7	69.0	82.4	56.1	21.8											
Saltfleet	1966	17,984	2,129	6,284	8,825	746	11.8	34.9	49.1	4.2	4.0	4.5	4.8	3.7	2.1		
	1961	16,424	2,419	5,118	8,199	688	14.7	31.2	49.9	4.2	4.1	5.1	4.9	3.9	2.2		
	1956	12,383	1,917	3,400	6,426	640	15.5	27.4	51.9	5.2	3.7	4.9	4.3	3.3	2.3		
	1951	6,973	1,007	1,748	3,804	414	14.4	25.1	54.6	5.9	2.5	3.3	3.0	2.3	1.7		
	% change																
	66/61	9.5	-(12.0)	22.8	7.6	8.4											
	61/56	32.6	26.2	50.5	27.6	7.5											
	56/51	77.6	90.4	94.5	68.9	54.6											
	% change																
	66/61	9.5	-(12.0)	22.8	7.6	8.4											
61/56	32.6	26.2	50.5	27.6	7.5												
56/51	77.6	90.4	94.5	68.9	54.6												

TABLE 2 - 4 (cont'd)

POPULATION BY SPECIFIED AGE GROUP - 1951; 1956; 1961; 1966

	Total Population	Percentage Distribution by Age Group				Municipalities as % of Total Study Area			
		Age Group				Total Study Area			
		0 - 4	5 - 19	20 - 64	65 & Over	0-4	5-19	20-64	65 & Over
		No.	No.	No.	No.	%	%	%	%
Total Townships	1966	7,167	20,558	29,433	3,217	11.9	34.0	48.8	5.3
	1961	7,517	16,470	26,424	2,980	14.1	30.8	49.5	5.6
	1956	5,485	10,829	20,820	2,576	13.8	27.3	52.4	6.5
	1951	3,288	6,129	13,796	2,006	13.0	24.3	54.7	8.0
	% change								
	66/61	-(4.7)	24.8	11.4	8.0				
	61/56	37.0	52.1	26.9	15.7				
	56/51	66.8	76.7	50.9	28.4				
Total - Towns, Village & Twps.	1966	9,853	27,666	42,368	5,167	11.6	32.5	49.8	6.1
	1961	9,974	22,277	37,315	4,624	13.5	30.0	50.3	6.2
	1956	7,562	14,989	30,226	4,079	13.3	26.4	53.1	7.2
	1951	4,591	8,566	20,099	3,173	12.6	23.5	55.2	8.7
	% change								
	66/61	-(1.2)	24.2	13.5	11.7				
	61/56	31.9	48.6	23.5	13.4				
	56/51	64.7	75.0	50.4	28.6				
Sub-Total	1966	39,447	109,241	202,897	31,590	10.3	28.5	53.0	8.2
	1961	40,666	91,247	187,861	28,407	11.7	26.2	53.9	8.2
	1956	35,054	71,265	175,857	25,594	11.4	23.2	57.1	8.3
	1951	27,998	54,057	157,143	22,182	10.7	20.7	60.1	8.5



[illegible]

TABLE 2 - 5

ANALYSIS OF MIGRATION: 1956 - 1961

	CITY	TOWNS			VILLAGE	TOWNSHIPS							
		Burl- ington	Dundas	Stoney Creek		Water- down	Ancaster	Beverly	Binbrook	Flam- bor- ough E.	Flam- bor- ough W.	Glan- ford	Salt- fleet
	Hamilton												
Total Population (1956)	250, 914	30, 524	10, 886	4, 506	1, 754	9, 157	4, 559	1, 865	3, 427	5, 294	3, 025	12, 383	
Total Population (1961)	273, 991	47, 008	12, 912	6, 043	1, 844	13, 338	5, 023	2, 557	4, 334	7, 001	4, 714	16, 424	
Total Population 5 yrs. of age & over (1961)	235, 749	40, 177	10, 958	5, 218	1, 642	11, 372	4, 390	2, 186	3, 727	5, 840	3, 962	13, 917	
MOVERS:													
- Total	118, 568	22, 486	5, 316	2, 494	506	5, 339	1, 571	1, 078	1, 624	2, 844	1, 989	7, 558	
- From Outside Study Area	29, 229	9, 445	1, 481	634	204	1, 375	522	177	438	491	480	1, 350	
- Within Study Area	89, 091	12, 959	3, 825	1, 849	271	3, 919	1, 010	881	1, 181	2, 333	1, 504	6, 123	
- from central city	85, 035	5, 950	1, 595	1, 215	68	2, 371	280	542	395	1, 154	736	4, 037	
- from fringe area	4, 056	7, 009	2, 230	634	203	1, 548	730	339	786	1, 179	768	2, 086	
- From unspecified areas	248	82	10	11	31	45	39	20	5	20	5	85	
NON-MOVERS:													
- Total	117, 181	17, 691	5, 642	2, 724	1, 136	6, 033	2, 819	1, 108	2, 103	2, 996	1, 973	6, 359	
- as % of total 1961 population 5 years of age and over	49.7	44.0	51.5	52.2	69.2	53.1	64.2	50.7	56.4	51.3	49.8	45.7	

TABLE 2 - 6

RURAL, FARM, RURAL NON-FARM AND URBAN POPULATION

HALTON COUNTY, WENTWORTH COUNTY AND PROVINCE OF ONTARIO

1951, 1956, 1961, 1966

	<u>TOTAL</u>	<u>RURAL</u>		<u>URBAN</u>	Farm as Percentage of Total Population	Urban as Percentage of Total Population		
		<u>Total</u>	<u>Farm</u>				<u>Non-Farm</u>	
<u>Wentworth County:</u>								
(Including	1951 <u>1/</u>	266,083	7,966	4,614	3,352	258,117	1.73	97.01
the City of	1956 <u>1/</u>	316,238	10,463	5,438	5,025	305,775	1.72	96.69
Hamilton)	1961	358,837	34,496	8,762	25,734	324,341	2.44	90.39
	1966	394,299	37,460	8,718	28,742	356,839	2.21	90.50
<u>Halton County:</u>								
(Including	1951 <u>1/</u>	44,003	12,972	6,353	6,619	31,031	14.5	70.5
the Town of	1956 <u>1/</u>	68,297	20,420	6,660	13,760	47,877	9.8	70.1
Burlington)	1961	106,967	12,021	4,084	7,937	94,946	3.8	88.8
	1966	140,800	9,323	6,008	3,315	131,477	4.3	93.4
<u>Province of Ontario:</u>								
(Including	1951 <u>1/</u>	4,597,542	1,221,717	638,680	583,037	3,375,825	13.89	73.43
the City of	1956 <u>1/</u>	5,404,933	1,302,014	632,153	669,861	4,102,919	11.70	75.91
Hamilton)	1961	6,236,092	1,412,563	505,699	906,864	4,823,529	8.11	77.35
	1966	6,960,870	1,367,430	481,695	885,735	5,593,440	6.92	80.36

1/ Based on 1956 definitions of rural, urban and farm.

The definition of urban for the 1966 census is identical to that used in 1961 and substantially the same as that used in 1956. Briefly, the classification "urban" includes the population living in cities, towns and villages of 1,000 and over, whether incorporated or not. It also includes the urbanized fringe of these centres in all cases where the population of the city or town together with its urbanized fringe accounts to 10,000 or more. The remainder of the population living outside these urban centres and suburban fringes is classified as "rural".

A "farm" for 1966 and 1961 census purposes is defined as a holding of one or more acres with sales of agricultural products of \$50. or more. This differs from 1956 when a farm was defined as a holding of (1) three acres or more in size, or (2) from one to three acres in size with agricultural production in the previous year valued at \$250. or more.

Source: Census of Canada.

Prepared by: Municipal Research Branch,  
Ontario Department of Municipal Affairs

TABLE 2 - 7  
LABOUR FORCE STATISTICS - 1961

Municipality	Population 15 years & over		Labour Force		Participation Rate		Municipalities as Percentage of Study Total	
	Male	Female	Male	Female	Male %	Female %	Male %	Female %
City: Hamilton	93,866	98,412	75,857	32,916	80.8	33.4	69.8	76.6
Towns:								
Dundas	4,185	4,546	3,415	1,393	81.6	30.6	3.1	3.2
Stoney Creek	1,994	2,073	1,689	564	84.7	27.2	1.6	1.3
Total - Towns	6,179	6,619	5,104	1,957	82.6	29.6	4.7	4.5
Village: Waterdown	633	625	505	163	79.8	26.1	0.5	0.4
Townships:								
Ancaster	4,156	4,131	3,536	927	85.1	22.4	3.2	2.2
Beverly	1,699	1,552	1,424	392	83.8	25.3	1.3	0.9
Binbrook	831	784	715	132	86.0	16.8	0.7	0.3
East Flamborough	1,355	1,300	1,147	310	84.6	23.8	1.1	0.7
West Flamborough	2,198	2,221	1,861	575	84.7	25.9	1.7	1.3
Glanford	1,470	1,395	1,281	332	87.1	23.8	1.2	0.8
Saltfleet	5,091	4,905	4,400	1,282	86.4	26.1	4.0	3.0
Total - Townships	16,800	16,288	14,364	3,950	85.5	24.3	13.2	9.2
Total - Towns, Village & Townships	23,612	23,532	19,973	6,070	84.6	25.8	18.4	14.1



Sub-Total	117,478	121,944	95,830	38,986	81.6	32.0	88.2	90.7
Town: Burlington	15,002	15,200	12,812	4,009	85.4	26.4	11.8	9.3
Total - Study Area	132,480	137,144	108,642	42,995	82.0	31.4	100.0	100.0
Town: Grimsby	--	--	1,255	484				
Township: North Grimsby	--	--	--	--				
Toronto C.M.A.	633,096	663,663	529,018	260,633	83.6	39.3		
Toronto City	249,225	265,175	199,918	120,243	80.2	45.3		
London C.M.A.	60,467	65,396	48,732	25,108	80.6	38.4		
London City	56,469	61,774	45,380	24,064	80.4	39.0		
Kitchener C.M.A.	51,316	54,028	43,781	20,830	85.3	38.6		
Kitchener City	24,914	26,440	21,483	10,871	86.2	41.1		
Windsor C.M.A.	63,522	66,186	49,166	19,493	77.4	29.5		
Windsor City	39,293	41,783	29,247	13,140	74.4	31.4		
Ontario	2,106,048	2,122,295	1,700,567	692,448	80.7	32.6		

-- Indicates that statistics are not published.

C.M.A. - Census Metropolitan Area.

Source: Census of Canada, 1961.

Prepared by: Municipal Research Branch,  
Ontario Department of Municipal Affairs.

TABLE 2 - 8

EXPERIENCED LABOUR FORCE 1/ 15 YEARS OF AGE AND OVER  
BY INDUSTRY, SEX AND AGE GROUP - 1961

	M A L E S								Percentage Distribution of Total Labour Force by Industry		
	Total	15-19	20-24	25-34	35-44	45-54	55-64	65 +	Average Age	Study Area %	Remainder of Ontario %
Agriculture	3,525	350	261	507	591	696	694	426	44	3.2	8.9
Forestry, Fishing & Trapping	64	15	7	13	10	11	7	1	34	0.1	1.2
Mines, Quarries & Oil Wells											
(including milling)	280	9	40	83	57	54	29	8	38	0.3	2.6
Manufacturing	50,326	1,443	4,236	13,080	14,472	9,951	5,786	1,358	40	46.3	28.5
Construction	10,191	409	1,078	3,082	2,623	1,867	866	266	38	9.4	8.7
Transportation Commission											
and other utilities	8,133	218	673	2,298	2,358	1,510	9,913	163	39	7.5	9.9
Trade: Total	15,532	1,883	1,696	3,621	3,482	2,693	1,567	590	37	14.3	14.7
-retail trade	10,321	1,661	1,155	2,230	2,141	1,726	1,003	405	36	9.5	9.9
Finance, Insurance and											
Real Estate	2,722	61	253	681	708	541	313	165	41	2.5	3.1
Total Services	11,278	598	977	2,535	2,565	2,187	1,587	829	41	10.4	11.4
-personal services	3,209	258	258	642	674	638	501	238	42	3.0	3.6
Public Admin. & Defence	4,313	177	462	1,055	1,063	757	599	200	40	4.0	8.7
Total all Industries 2/	108,642	5,252	9,875	27,599	28,576	20,730	12,562	4,048	39		

F E M A L E S

Agriculture	591	27	21	84	161	156	105	37	44	1.4	3.6
Forestry, Fishing & Trapping	34	--	3	12	13	5	1	--	36	--	0.1
Mines, Quarries & Oil Wells	7	--	3	1	2	1	--	--	31	--	0.2
(including milling)											
Manufacturing	10,764	1,082	1,891	2,771	2,520	1,652	702	146	35	25.0	19.7
Construction	394	34	55	90	100	76	32	7	37	0.9	0.6
Transportation Commission											
and other utilities	1,241	235	281	309	199	140	67	10	31	2.9	4.4
Trade: Total	8,496	1,105	756	1,537	2,393	1,831	707	167	37	19.8	17.3
-retail trade	7,278	940	539	1,228	2,128	1,649	638	156	38	16.9	14.3
Finance, Insurance and											
Real Estate	2,247	429	636	567	306	175	101	33	30	5.2	6.9
Total Services	17,552	1,741	2,561	3,571	3,617	3,265	2,064	733	38	40.8	39.6
-personal services	6,476	795	559	1,270	1,439	1,154	818	441	40	15.1	14.8
Public Admin. & Defence	1,125	82	139	203	315	218	148	20	39	2.6	5.9
Total all Industries 2/	42,995	4,784	6,408	9,288	9,787	7,605	3,963	1,169	36		

1/ i.e.: excluding persons seeking work who have never been employed.

2/ Total includes persons who did not specify industry.

Source: Census of Canada, 1961.

Prepared by: Municipal Research Branch,  
Ontario Department of Municipal Affairs.

PRINCIPAL STATISTICS OF MANUFACTURING INDUSTRIES

(all money figures in thousands of dollars)

STUDY AREA TOTAL											
Year	Estab- lish- ments #	Employ- ees #	Salaries & Wages \$'000	Selling Value of Factory Shipments \$'000	Estab- lish- ments %	Employ- ees %	Salaries & Wages %	Selling Value of Factory Shipments %			
1956	707	62,318	243,292	1,029,718							
1957	703	60,997	250,845	1,082,274							
1958	695	54,303	233,589	999,232							
1959	679	57,156	259,549	1,176,000							
1960	695	55,613	260,956	1,104,903							
1961 1/	677	54,553	266,130	1,168,600							
1961 1/	687	56,483	278,247	1,168,105							
1962	714	59,376	301,515	1,279,597							
1963	695	61,954	319,244	1,391,844							
1964	704	65,803	357,162	1,601,648							
CITY OF HAMILTON (including Burton Twp.)											
1956	597	58,828	232,423	988,561	84.4	94.3	95.5	96.0			
1957	580	57,230	238,303	1,033,027	82.5	93.8	95.0	95.4			
1958	562	50,398	220,335	945,179	80.9	92.8	94.3	94.6			
1959	540	52,979	245,203	1,116,615	79.5	92.7	94.5	95.0			
1960	548	51,007	243,995	1,034,057	78.8	91.7	93.5	93.6			
1961 1/	513	49,886	248,229	1,092,499	75.8	91.4	93.3	93.5			
1961 1/	520	50,616	254,039	1,073,729	75.7	89.6	91.3	91.9			
1962	523	53,582	276,560	1,174,557	73.2	90.2	91.7	91.8			
1963	514	55,814	292,123	1,279,144	74.0	90.1	91.5	91.9			
1964	521	58,621	323,932	1,457,969	74.0	89.1	90.7	91.0			
TOWN OF BURLINGTON (including Nelson Twp.)											
1956	32	1,130	3,461	15,693	4.5	1.8	1.4	1.5			
1957	37	1,413	4,808	21,631	5.3	2.3	1.9	2.0			
1958	46	1,545	5,294	24,719	6.6	2.8	2.3	2.5			
1959	50	1,738	6,226	29,792	7.4	3.0	2.4	2.5			
1960	48	1,898	7,414	36,362	6.9	3.4	2.8	3.3			
1961 1/	61	2,283	8,936	39,690	9.0	4.2	3.4	3.4			

1/ New establishment concept and revised standard industrial classification were introduced in 1961. Statistics for this year are shown on the basis of both the old and the new definitions.



TABLE 2 - 10

CITY OF HAMILTON 1/ - ANALYSIS OF INCOME

	<u>1950</u> \$'000	<u>1955</u> \$'000	<u>1960</u> \$'000	<u>1962</u> \$'000	<u>1963</u> \$'000	<u>1964</u> \$'000	<u>1965</u> \$'000
Number of Taxable Returns	75, 130	101, 920	111, 526	125, 187	132, 688	141, 826	151, 637
Total Earned Income	212, 374	357, 655	476, 218	570, 093	619, 616	686, 091	772, 505
- Wages & Salaries	186, 878	321, 878	433, 529	524, 442	570, 376	625, 665	706, 490
Total Investment Income	8, 859	19, 242	26, 607	32, 448	32, 558	39, 354	40, 841
Total Income Assessed	221, 233	376, 897	502, 826	602, 540	652, 172	725, 443	813, 346
Total Earned Income as							
Percentage of Total	96.0	94.9	94.7	94.6	95.0	94.6	95.0
Income Assessed							
Wages & Salaries as							
Percentage of Total	88.0	90.0	91.0	92.0	92.1	91.2	91.5
Earned Income							

1/ According to the Taxation Division of the Department of National Revenue, the geographic area covered in the survey is consistent throughout the period referred to in this Table. Along with the City of Hamilton they include suburban areas adjacent to but lying outside of the corporate limits of the City of Hamilton proper and most of the Town of Burlington.

Source: Taxation Statistics; Annual Publications.

Prepared by: Municipal Research Branch  
Ontario Department of Municipal Affairs

HAMILTON <sup>1/</sup> - SOURCES OF INCOME

	1961		1965		Percentage Distribution of Total Returns %
	Taxable Returns \$'000	Percentage Distribution of Taxable Returns %	Taxable Returns \$'000	Non- Taxable Returns \$'000	
Wages and Salaries	484, 008	86.5	706, 490	17, 758	86.6
Business Income	18, 528	3.3	24, 764	951	3.1
Professional Income	14, 026	2.5	22, 011	120	2.7
Commission Income	9, 196	1.6	14, 091	370	1.7
Farm & Fishing Income	1, 193	0.2	474	303	*
Old Age Pension Income	2, 003	0.4	3, 877	1, 082	0.6
Alimony	<u>2/</u>	-	798	118	0.1
Total Earned Income	528, 954	94.5	772, 505	20, 096	94.8
Gross Dividends	8, 507	1.5	14, 628	316	1.8
Bond & Bank Interest	7, 697	1.4	12, 568	974	1.6
Rental Income	2, 938	0.5	3, 122	230	0.4
Annuity Income	495	0.1	826	222	0.1
Estate Income	4, 069	0.7	2, 735	165	0.4
Mortgage Interest	4, 744	0.9	5, 010	194	0.6
Other Canadian Investment Income	<u>2/</u>	-	321	-	*
Foreign Investment Income	<u>2/</u>	-	1, 080	161	0.2
Total Investment Income	28, 450	5.1	40, 290	2, 262	5.1
Miscellaneous Income	2, 114	0.4	551	306	0.1
Total Income Assessed	559, 518	100.0	813, 346	22, 664	100.0
Number of Returns	120, 520		151, 637	25, 042	

<sup>1/</sup> Includes the Town of Burlington and suburban areas adjacent to but lying outside the corporate limits of the City of Hamilton.  
<sup>2/</sup> Included in Miscellaneous Income.  
\* Less than 0.05 percent.

Source: Taxation Statistics.

Prepared by: Municipal Research Branch  
Ontario Department of Municipal Affairs

TABLE 2 - 12

NUMBER OF TAXABLE 1/ RETURNS BY INCOME CLASS

		\$2,000 to \$2,999	\$3,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$9,999	\$10,000 and Over	Average Taxable Income Per Taxpayer 2/	Wages and Salaries as Percent of Total Income (Taxable Returns) 3/
1963	Under \$2,000								
Province of Ontario	256,443	349,557	395,196	369,903	269,305	311,925	92,169	4,694	84.9
Percentage	12.5	17.1	19.3	18.1	13.2	15.3	4.5		
City: Hamilton 3/	14,465	20,542	21,942	22,900	22,091	25,012	5,736	4,915	87.5
Percentage	10.9	15.5	16.5	17.3	16.6	18.9	4.3		
Counties: Halton	2,621	3,480	4,120	4,600	3,621	5,542	1,886	5,336	87.9
Percentage	10.1	13.5	15.9	17.8	14.0	21.4	7.3		
Wentworth	14,885	21,322	22,562	23,980	23,111	26,133	5,922	4,916	87.5
Percentage	10.8	15.5	16.3	17.4	16.8	18.9	4.3		
1964									
Province of Ontario	252,530	352,485	392,831	377,169	304,612	390,038	109,153	4,917	84.8
Percentage	11.6	16.2	18.0	17.3	14.0	17.9	5.0		
City: Hamilton 3/	15,237	20,161	22,042	24,082	21,887	31,655	6,752	5,115	86.2
Percentage	10.7	14.2	15.6	17.0	15.4	22.3	4.8		





TABLE 2 - 13

ESTIMATED COSTS OF NEW BUNGALOWS FINANCED UNDER THE NATIONAL HOUSING ACT - 1964 - 1966

C.M.H.C. Field Office	<u>TOTAL COST</u>				<u>LAND COST</u>				<u>CONSTRUCTION COST (per square foot)</u>			
			<u>Percent Change</u>				<u>Percent Change</u>				<u>Percent Change</u>	
			1964	1965			1964	1965			1964	1965
	<u>\$</u>	<u>\$</u>	to	to	<u>\$</u>	<u>\$</u>	to	to	<u>\$</u>	<u>\$</u>	to	to
	1964	1965	1965	1966	1964	1965	1965	1966	1964	1965	1965	1966
			%	%			%	%			%	%
Hamilton	16,551	17,951	8.5	11.1	4,327	4,839		11.8	10.76	11.36	5.6	8.4
Kitchener	15,328	16,671	8.8	13.4	2,544	3,006		18.2	11.31	12.03	6.4	8.1
London	15,107	15,122	0.1	10.3	2,983	3,010		0.9	10.91	11.12	1.9	7.7
Toronto	17,455	19,677	12.7	17.2	5,126	5,777		12.7	9.90	10.77	8.8	10.1
Windsor	16,348	18,450	12.9	18.0	2,348	3,013		28.3	12.12	13.21	9.0	17.9
Canada Average	15,807	16,572	4.8	9.0	2,813	2,816		0.1	11.01	11.62	5.5	8.1

Prepared by: Municipal Research Branch  
Ontario Department of Municipal Affairs

Source: Canadian Housing Statistics: C.M.H.C. 1966 Table 95.

## CHAPTER 2-14

## NUMBER OF RESIDENTIAL BUILDING PERMITS ISSUED-

SELECTED YEARS  
SHOWING TYPE OF DWELLING BY MUNICIPALITY

Municipality	Type of Dwelling	1957	1962	1965	1966	1967
<u>City:</u> Hamilton	Single	1, 348	654	664	582	879
	Double, Apts.,					
	Conversions	310	1, 317	1, 678	1, 663	2, 207
	Total	1, 658	1, 971	2, 342	2, 245	3, 086
<u>Towns:</u> Dundas	Single	67	91	71	99	154
	Double, Apts.,					
	Conversions	12	37	24	1	152
	Total	79	128	95	100	306
Stoney Creek	Single	95	10	5	22	2
	Double, Apts.,					
	Conversions	59	31	211	63	189
	Total	154	41	216	85	191
Total - Towns	Single	162	101	76	121	156
	Double, Apts.,					
	Conversions	71	68	235	64	341
	Total	233	169	311	185	497
<u>Village:</u> Waterdown	Single	5	6	7	5	5
	Double, Apts.,					
	Conversions	1	--	15	--	--
	Total	6	6	22	5	5
<u>Townships:</u> Ancaster	Single	242	67	54	87	99
	Double, Apts.,					
	Conversions	--	--	3	2	--
	Total	242	67	57	89	99
Beverly	Single	n.a.	n.a.	n.a.	n.a.	n.a.
	Double, Apts.,					
	Conversions	n.a.	n.a.	n.a.	n.a.	n.a.
	Total	n.a.	n.a.	n.a.	n.a.	n.a.
Binbrook	Single	n.a.	n.a.	38	37	46
	Double, Apts.,					
	Conversions	n.a.	n.a.	1	--	--
	Total	n.a.	n.a.	39	37	46
Flam- borough E.	Single	168	35	56	71	59
	Double, Apts.,					
	Conversions	8	1	1	1	2
	Total	176	36	57	72	61
Flam- borough W.	Single	99	33	59	65	58
	Double, Apts.,					
	Conversions	--	--	--	--	--
	Total	99	33	59	65	58

CHAPTER 2-14 (cont'd)

NUMBER OF RESIDENTIAL BUILDING PERMITS ISSUED-

SELECTED YEARS

SHOWING TYPE OF DWELLING BY MUNICIPALITY

Municipality	Type of Dwelling	1957	1962	1965	1966	1967
<u>Townships:</u>						
<u>Glanford</u>	Single	n.a.	47	55	18	33
	Double, Apts.,	n.a.	--	--	--	--
	Conversions	n.a.	47	55	18	33
	Total					
Saltfleet	Single	181	66	96	88	140
	Double, Apts.,	--	2	2	1	2
	Conversions					
	Total	181	68	98	89	142
Total - Townships	Single	690	248	358	366	435
	Double, Apts.,	8	3	7	4	4
	Conversions					
	Total	698	251	365	370	439
<u>Town:</u>						
<u>Burlington</u>	Single	630	432	943	1,024	806
	Double, Apts.,					
	Conversions	139	201	920	414	629
	Total	769	633	1,863	1,438	1,435
Total - Study Area	Single	2,835	1,441	2,048	2,101	2,281
	Double, Apts.,					
	Conversions	529	1,589	2,855	2,145	3,181
	Total	3,364	3,030	4,903	4,246	5,462
<u>Town:</u>						
<u>Grimsby</u>	Single	48	51	48	107	24
	Double, Apts.,					
	Conversions	3	4	7	--	46
	Total	51	55	55	107	70
<u>Townships:</u>						
<u>Grimsby N.</u>	Single	n.a.	n.a.	62	65	103
	Double, Apts.,					
	Conversions	n.a.	n.a.	--	6	--
	Total	n.a.	n.a.	62	71	103

Source: D. B. S. Building Permits; various issues.

Prepared by: Municipal Research Branch  
Ontario Department of  
Municipal Affairs

TABLE 2-15

HOUSING STARTS - SHOWING NUMBER OF DWELLING UNITS  
AND MUNICIPALITIES AS PERCENTAGE OF STUDY AREA TOTAL

Municipality	1962		1965		1966		1967	
	#	%	#	%	#	%	#	%
City:								
Hamilton	1,800	61.6	2,096	46.4	1,980	47.1	2,900	52.7
Towns:								
Dundas	102	3.5	111	2.5	105	2.5	356	6.5
Stoney Creek	45	1.6	109	2.4	76	1.8	200	3.6
Total - Towns	147	5.1	220	4.9	181	4.3	556	10.1
Village:								
Waterdown	6	0.2	22	0.5	5	0.1	6	0.1
Townships:								
Ancaster	82	2.8	56	1.2	83	2.0	101	1.8
Beverly	33	1.1	19	0.4	31	0.7	43	0.8
Binbrook	30	1.0	39	0.9	37	0.9	46	0.8
Flam-								
borough E.	35	1.2	57	1.3	66	1.6	59	1.1
Flam-								
borough W.	31	1.1	60	1.3	65	1.5	58	1.0
Glanford	46	1.6	51	1.1	21	0.5	31	0.6
Saltfleet	62	2.1	92	2.0	74	1.8	87	1.6
Total - Twps.	319	10.9	374	8.2	377	9.0	425	7.7
Town:								
Burlington	649	22.2	1,807	40.0	1,658	39.5	1,621	29.4
Total - Study								
Area	2,921	100.0	4,519	100.0	4,201	100.0	5,508	100.0
Province of								
Ontario	44,306		59,829		45,714		59,761	
Study Area								
Total as								
Percentage								
of Province								
of Ontario		6.6		7.6		9.2		9.2

Source: D.B.S. New Residential Construction

Prepared by: Municipal Research Branch  
Ontario Department of Municipal  
Affairs



TABLE 2 - 16

VALUE OF RESIDENTIAL AND NON-RESIDENTIAL CONSTRUCTION  
SHOWING PERCENTAGE DISTRIBUTION BY MUNICIPALITY  
(Thousands of Dollars)

Municipality	1966					1967				
	Institutional				Total \$'000	Institutional				Total \$'000
	Residential \$'000	Industrial \$'000	Commercial \$'000	& Government \$'000		Residential \$'000	Industrial \$'000	Commercial \$'000	& Government \$'000	
City:										
Hamilton	18,961	11,026	5,902	22,382	58,271	24,946	7,448	7,560	16,445	56,399
Percentage	32.6	18.9	10.1	38.4	100.0	44.2	13.2	13.4	29.2	100.0
Towns:										
Dundas	1,492	114	14	179	1,799	3,628	46	386	298	4,358
Percentage	82.9	6.3	0.8	10.0	100.0	83.2	1.1	8.9	6.8	100.0
Stoney Creek	731	23	47	1	802	1,420	5	224	265	1,914
Percentage	91.1	2.9	5.9	0.1	100.0	74.2	0.3	11.7	13.8	100.0
Total - Towns	2,223	137	61	180	2,601	5,048	51	610	563	6,272
Percentage	85.5	5.3	2.3	6.9	100.0	80.5	0.8	9.7	9.0	100.0
Village:										
Waterdown	129	5	1	1	136	143	--	28	90	261
Percentage	94.9	3.7	0.7	0.7	100.0	54.8	--	10.7	34.5	100.0
Townships:										
Ancaster	1,707	106	65	89	1,967	2,271	200	43	11	2,525
Percentage	86.8	5.4	3.3	4.5	100.0	89.9	7.9	1.7	0.5	100.0
Binbrook	626	4	12	24	666	925	15	30	196	1,166
Percentage	94.0	0.6	1.8	3.6	100.0	79.3	1.3	2.6	16.8	100.0

East Flamborough Percentage	1,146 64.0	50 2.8	11 0.6	585 32.6	1,792 100.0	1,068 92.5	56 4.9	30 2.6	-- --	1,154 100.0
West Flamborough Percentage	1,266 74.0	236 13.8	43 2.5	166 9.7	1,711 100.0	1,263 85.9	143 9.7	65 4.4	-- --	1,471 100.0
Glanford Percentage	300 29.1	-- --	41 4.0	689 66.9	1,030 100.0	531 93.3	25 4.4	13 2.3	-- --	569 100.0
Saltfleet Percentage	1,666 31.9	2,503 48.0	232 4.5	816 15.6	5,217 100.0	2,678 68.4	827 21.1	277 7.1	134 3.4	3,916 100.0
Total - Townships <sup>1/</sup> Percentage	6,711 54.2	2,899 23.4	404 3.3	2,369 19.1	12,383 100.0	8,736 80.9	1,266 11.7	458 4.2	341 3.2	10,801 100.0
Town: Burlington Percentage	19,152 69.4	3,434 12.4	2,608 9.5	2,403 8.7	27,597 100.0	18,167 82.6	1,301 5.9	697 3.2	1,816 8.3	21,981 100.0
Total - Study Area Percentage	47,176 46.7	17,501 17.3	8,976 8.9	27,335 27.1	100,988 100.0	57,040 59.6	10,066 10.5	9,353 9.8	19,255 20.1	95,714 100.0

2-37

<sup>1/</sup> Figures not available for Beverly Township.

Source: Prepared by: Municipal Research Branch,  
Ontario Department of Municipal Affairs.

TABLE 2 - 17

CHARACTERISTICS OF HOUSEHOLDS - 1961

Municipality	Total Number of Households 1/	Number of Single Detached Occupied Dwellings 2/	Number of		Total Number of Families	Single Detached Dwellings as Percent of Total Households	Owner Occupied Dwellings as Percent of Total Households	Family Households as Percent of all Households
			Owner Occupied Dwellings	Occupied Dwellings				
City: Hamilton	73, 829	50, 110	51, 172		68, 791	67. 9	69. 3	93. 2
Towns: Dundas	3, 525	2, 609	2, 728		3, 213	74. 0	77. 4	91. 1
Stoney Creek	1, 673	1, 326	1, 389		1, 585	79. 3	83. 0	94. 7
Total - Towns	5, 198	3, 935	4, 117		4, 798	75. 7	79. 2	92. 3
Village: Waterdown	492	416	422		441	84. 6	85. 8	89. 6
Townships: Ancaster	3, 357	3, 146	2, 995		3, 266	93. 7	89. 2	97. 3
Beverly	1, 270	1, 142	1, 123		1, 190	89. 9	88. 4	93. 7
Binbrook	665	589	588		659	88. 6	88. 4	99. 1
Flamborough E.	1, 084	960	884		1, 056	88. 6	81. 5	97. 4
Flamborough W.	1, 760	1, 570	1, 420		1, 657	89. 2	80. 7	94. 1
Glanford	1, 185	1, 058	997		1, 160	89. 3	84. 1	97. 9
Saltfleet	4, 101	3, 690	3, 506		3, 982	90. 0	85. 5	97. 1
Total Townships	13, 422	12, 155	11, 513		12, 970	90. 6	85. 8	96. 6
Total - Towns, Villages, Twps.	19, 112	16, 506	16, 052		18, 209	86. 4	84. 0	95. 3
Sub Total	92, 941	66, 616	67, 224		87, 000	71. 7	72. 3	93. 6
Town - Burlington	12, 299	10, 253	10, 143		11, 837	83. 4	82. 5	96. 2
TOTAL - STUDY AREA	105, 240	76, 869	77, 367		98, 837	73. 0	73. 5	93. 9
Toronto C.M.A.	482, 540	268, 984	325, 435		466, 495	55. 7	67. 4	96. 7
Toronto City	172, 864	49, 296	97, 407		162, 916	28. 5	56. 3	94. 2
London C.M.A.	50, 564	33, 824	33, 695		43, 917	66. 9	66. 6	86. 9
London City	47, 498	31, 133	31, 223		41, 076	65. 5	65. 7	86. 5
Kitchener C.M.A.	42, 174	29, 688	30, 479		38, 509	70. 4	72. 3	91. 3
Kitchener City	20, 600	13, 861	14, 572		18, 740	67. 3	70. 7	91. 0
Windsor C.M.A.	53, 315	40, 102	38, 620		47, 487	75. 2	72. 4	89. 1
Windsor City	33, 060	21, 558	21, 096		28, 253	65. 2	63. 8	85. 5

1/ A household consists of a person or group of persons occupying one dwelling. It may consist of a group of unrelated persons, of two or more families sharing a dwelling, or of one person living alone. Every person is a member of some household and the number of households is equal to the number of occupied dwellings.

2/ For census purposes a dwelling is a structurally separate set of living quarters, with a private entrance either from outside the building or from a common hall inside. (See also 1/).

TABLE 2 - 18

NUMBER AND AREAS OF CENSUS FARMS AND COMMERCIAL FARMS BY MUNICIPALITY

Municipality	CENSUS FARMS <u>1/</u>			COMMERCIAL FARMS <u>2/</u>			Total Area of Commercial Farms as Percent of Total Area of All Census Farms %
	Year	Number	Total Area (Acres)	Average Number (Per Census Farm) of Acres	Total Area (Acres)	Average Number of Acres Per Commercial Farm	
County: Wentworth	1966	2, 110	180, 424	85. 5	1, 180	133, 653	74. 1
	1961	2, 367	198, 139	83. 7	1, 249	135, 620	68. 4
Townships: Ancaster	1966	370	32, 173	87. 0	192	25, 361	78. 8
	1961	404	34, 038	84. 3	215	25, 130	73. 8
Beverly	1966	451	50, 028	110. 9	266	35, 824	71. 6
	1961	537	58, 353	108. 7	275	37, 596	64. 4
Binbrook	1966	194	24, 108	124. 3	112	17, 092	70. 9
	1961	197	24, 234	123. 0	106	15, 619	64. 5
East Flamborough	1966	297	21, 879	73. 7	170	15, 757	72. 0
	1961	322	22, 267	69. 2	189	15, 439	69. 3
West Flamborough	1966	226	16, 719	74. 0	139	12, 824	76. 7
	1961	277	20, 294	73. 3	142	13, 375	65. 9



Glanford	1966	158	17, 123	108. 4	110	14, 317	130. 2	83. 6
	1961	174	18, 870	108. 4	115	15, 182	132. 0	80. 5
Saltfleet	1966	414	18, 396	44. 4	191	12, 478	65. 3	67. 8
	1961	456	20, 083	44. 0	207	13, 279	64. 1	66. 1
Town:								
Burlington (part <sup>3/</sup> )	1966	335	28, 558	85. 2	204	23, 057	113. 0	80. 7
	1961	365	30, 388	83. 3	231	22, 960	99. 4	75. 6
Total - Study Area	1966	2, 445	208, 982	85. 5	1, 384	156, 701	113. 2	75. 0
	1961	2, 732	228, 527	83. 6	1, 480	158, 580	107. 1	69. 4
Province of Ontario	1966	109, 887	17, 826, 045	162. 2	70, 724	13, 229, 561	187. 1	74. 2
	1961	121, 333	18, 578, 507	153. 1	69, 667	12, 317, 676	176. 8	66. 3

1/ A census farm is defined as an agricultural holding of one acre or more in size with sales of agricultural products during the past twelve months of \$50. or more.

2/ All census farms (except institutional farms, etc.) with a total value of agricultural products sold of \$2, 500 or more are classified as Commercial Farms in the 1966 census. This definition differs from the 1961 definition in that the minimum value of sales of agricultural products for commercial farms in 1961 was \$1, 200. The 1961 data in this Table have been adjusted to conform to the 1966 definition.

3/ Other part included in East Flamborough Township.

TABLE 2-19

CENSUS FARMS CLASSIFIED BY SIZE OF FARM

Year	Total Number of Census Farms #	Under 3		3-9		10-69		70-129		130-179		180-239		240-399		400-559		560 acres and over	
		Acres	#	Acres	#	Acres	#	Acres	#	Acres	#	Acres	#	Acres	#	Acres	#	#	#
<u>County:</u> Wentworth	1966	2,110	92	238	710	585	246	139	77	20	3								
	1961	2,367	103	266	768	721	273	142	77	16	1								
<u>Province:</u> Ontario	1966	109,887	1,794	4,078	17,930	32,664	17,040	15,255	14,683	4,080	2,363								
	1961	121,333	1,738	4,434	19,181	39,688	19,821	16,603	14,248	3,699	1,921								

Source: Census of Canada; Agriculture 1966.

Prepared by: Municipal Research Branch  
Ontario Department of Municipal Affairs

TABLE 2-20  
CENSUS FARMS: AREA AND IMPROVED LAND USE<sup>1/</sup>  
(Acres)

	County of Wentworth		Province of Ontario	
	1961	1966	1961	1966
Total Area of Census Farm	198, 129	180, 424	18, 578, 507	17, 826, 045
Total Area of Improved Land <sup>1/</sup>	156, 385	147, 410	12, 032, 924	12, 004, 305
Improved Land Area as Percentage of Total Area of Census Farms	78. 9	81. 7	64. 8	67. 3
Improved Land Area <sup>1/</sup> Classified By Use:				
- Under Crops	113, 444	109, 612	7, 990, 358	8, 358, 741
- Improved Pasture	28, 168	22, 777	3, 295, 609	2, 935, 693
- Summer Fallow	5, 061	5, 656	244, 842	229, 852
- Other Uses	9, 712	9, 365	502, 115	480, 019

<sup>1/</sup> This is the total of the area under crops, summer fallow, improved pasture and other improved land.

Improved pastureland consists of pastureland which was seeded, fertilized or irrigated, or on which brush and/or weeds were cleared or controlled, or on which an effective drainage system was established.

Other improved land includes the area of barnyards, home gardens, lanes or roads on census farm, agricultural land that had been cultivated at one time but which was not being pastured or summer-fallowed and areas of new breaking that had not yet been cropped.

Source: Census of Canada; Agriculture 1966.

Prepared by: Municipal Research Branch  
Ontario Department of Municipal Affairs

TABLE 2-21

NUMBER AND AREA OF CENSUS FARMS

SHOWING POPULATION AND AREA OF FARMLAND OWNED AND RENTED

		Census Farms		Population on Census Farms as Percent of Total Population	Population on Census Farms	Population on Census Farms as Percent of Total Population	Census Farms		Total Area Owned as Percent of Total Area of Census Farms
		(Number)	(Area)				Total Area Owned	Total Area Rented	
<u>County:</u> Wentworth	1966	2, 110	180, 424	394, 299	10, 136	2. 6	149, 346	31, 078	82. 8
	1961	2, 367	198, 139	358, 837	10, 322	2. 9	167, 590	30, 549	84. 6
<u>Province:</u> Ontario	1966	109, 887	17, 826, 045	6, 960, 870	498, 025	7. 2	15, 507, 615	2, 318, 430	87. 0
	1961	121, 333	18, 578, 507	6, 236, 092	524, 490	8. 4	16, 400, 792	2, 177, 715	88. 3

Source: Census of Canada; Agriculture 1966.

Prepared by: Municipal Research Branch  
Ontario Department of Municipal Affairs



TABLE 2 - 22

CENSUS FARMS CLASSIFIED BY VALUE OF PRODUCTS SOLD

Value of Agricultural Products Sold \$	County of Wentworth		Province of Ontario	
	Number of Farms		Number of Farms	
	1961	1966	1961	1966
Under - 250 <u>1/</u>	349	327	11,604	10,294
250 - 1,199	448	336	19,291	14,410
1,200 - 2,499	316	263	20,678	14,377
Total - Small Scale Farms	1,113	926	51,573	39,081
2,500 - 3,749	227	173	15,134	10,520
3,750 - 4,999	163	113	11,442	8,489
5,000 - 9,999	414	345	23,901	22,383
10,000 - 14,999	217	213	8,589	11,522
15,000 - 24,999	138	173	5,781	9,692
25,000 and over	90	163	4,811	8,118
Total - Commercial Farms	1,249	1,180	69,667	70,724
Total - Census Farms <u>2/</u>	2,367	2,110	121,333	109,887

1/ Farms reporting proceeds from sale of agricultural products of less than \$50. are not included in 1966 but are included in 1961.

2/ Total includes institutional farms.

Sources: 1966 - Census of Canada (1966); Agriculture; Table 15.  
1961 - Census of Canada (1961); Agriculture; Table 14.

Prepared by: Municipal Research Branch,  
Ontario Department of  
Municipal Affairs.

TABLE 2-23

FARM TAXATION REVENUE BY MUNICIPALITY 1961 & 1966

	Townships						Sub Total	Town Burlington	Twp. North Grimsby	GRAND TOTAL
	Ancaster	Beverly	Binbrook	East Flam- borough	West Flam- borough	Glanford	Saltfleet			
	\$	\$	\$	\$	\$ 1966	\$	\$	\$	\$	\$
Farm Tax Revenue	190,272	170,468	89,368	133,474	113,212	95,479	187,995	309,112	142,169	1,431,549
Total Tax Revenue	1,608,262	411,915	262,023	448,603	624,496	471,990	2,127,519	9,774,251	790,458	16,519,517
Farm Tax Revenue as Percentage of Total Tax Revenue	11.8	41.4	34.1	29.8	18.1	20.2	8.8	3.2	18.0	8.7
										245
Farm Tax Revenue	158,828	148,818	80,521	53,681	81,919	80,418	154,292	277,841	109,464	1,145,782
Total Tax Revenue	1,138,412	273,746	176,510	321,275	395,934	307,800	1,290,435	5,794,022	476,265	10,174,399
Farm Tax Revenue as Percentage of Total Tax Revenue	14.0	54.4	45.6	16.7	20.7	26.1	12.0	4.8	23.0	11.3

Source: D.M.A.: Financial Statements and Auditor's Reports.

Prepared by: Municipal Research Branch  
Ontario Department of Municipal Affairs

## CHAPTER 3

### MUNICIPAL ORGANIZATION

#### Local Municipalities

The composition of municipal councils and the terminology used to describe council organization are set out in Part II of The Municipal Act. The application of provisions in this Act is conditional upon the population, the number of electors, and, in some cases, petition of the local council to make parts of the Act operational. Table 3-1 presents information on the existing number of council members in the area and their election. In many cases, The Municipal Act confers permissive powers upon municipalities to pass by-laws, some of which give the municipalities considerable discretion in the selection of a form of organization.

#### The Office of Head of Council

The Municipal Act does not give to the head of council a veto in council, and he is not granted any special jurisdiction over the employment and salaries of municipal officials. The head of council is dependent upon the support of his council to enact policies. The office of head of council is distinguished primarily by the attendant right to preside over council.

The head of council is provided additional influence as he is a member ex officio of numerous boards, commissions and committees of council.

#### The Council

The municipal council may be elected by a general vote of the whole municipality, or where the Ontario Municipal Board orders that a municipality is to be divided into wards, a stipulated number of representatives (councillors or aldermen) may be elected from each ward. In 1970, the Township of Ancaster will employ the ward system for the first time. The

City of Hamilton, the Town of Burlington and the Township of Saltfleet currently elect council by the ward system. Some details of this system in use are presented in Table 3-2.

### Board of Control

In the study area, only the City of Hamilton employs the board of control form of organization. For a city with a population in excess of 100,000 the board of control is mandatory, unless the council, by a two-thirds vote, passes a by-law to the contrary. A city or town with a population in the range of 45,000 to 100,000 may, by a two-thirds vote of council, provide for a board of control. Such by-laws require the approval of the Ontario Municipal Board.

A board of control has primary responsibility in the many fields of municipal administration such as employee relations, contract awards, and financial estimates (the budget).

The head of council, by virtue of his office, is a member of the board of control and presides at all meetings of the board. The remaining controllers are elected by a general vote of the municipality.

### Procedure

A municipality, by by-law or resolution, may adopt a method of procedure for the conduct of business. Considerable latitude may be exercised in this regard. Except that in the case of a city certain functions as outlined above are reserved to the board of control, the council can designate certain members to give particular attention to any specific matter. In this way, standing committees of council may be employed to study particular questions and advise council. Council, by a majority vote, may adopt or reject the recommendations of any standing committee. Table 3-3 shows the number of standing committees created by each municipal council. In the Town of Burlington, for example, the following standing committees exist: Building and Planning, Finance, Fire and Light, Public Works, Recreation



and Parks, and Executive.

In Table 3-3, two municipalities are listed that have appointed a "town administrator". There is no particular legislative authority for this position. If a municipality wishes, it may designate such a person (usually the clerk or treasurer) to co-ordinate activities between the council and the various departments of the municipality.

Table 3-4 shows the remuneration paid to council members in the study area.

### The County of Wentworth

The number of votes that each municipality has on county council is shown in Table 3-5. County responsibilities are managed by a council that is composed of the reeves and deputy reeves (where such exist) of the towns, villages and townships that are in the county. The number of votes on county council is determined by the number of electors in each of the constituent municipalities. Table 3-1 shows the number of eligible voters or electors at the last municipal election in each municipality. If the municipality has more than 2,000 electors, the reeve as a member of county council has an additional vote; if there are 3,000 or more municipal electors, the deputy reeve has an additional vote. A village, a township, or a town in a county is entitled to have a deputy reeve only if it has more than 1,000 electors.

The head of the county council is the warden, elected by majority vote of the members of council.

### Other Agencies of Local Government

Local Boards and Commissions:

There are numerous special bodies that may fulfil one or more functions of local government. Membership upon some of these bodies is by election, while others are composed of members appointed by local councils, by the county council, or by the Lieutenant-Governor in Council.

Appointed boards and commissions are responsible either for functions that are purely local or for functions of a broader nature.

#### Elected Special-Purpose Authorities:

1. School boards are the most notable elected single-function authorities. All discussion of education will be reserved to Chapter 5.
2. A water commission may be created by by-law of council to administer a municipal waterworks. No such commission exists in the study area.
3. Four public utility commissions exist in the study area. Table 3-6 shows the services that are administered by such commissions.

Every municipality that contracts with the Ontario Hydro Electric Power Commission for the supply of power must by statute establish a public utilities commission. In a city of over 60,000 population, the Hydro Electric Commission to be established is not elected, but consists of three members, one of whom shall be the mayor, one to be appointed by council and the remaining member to be appointed by the Ontario Hydro Electric Power Commission. This case applies to the City of Hamilton.

Burlington, Dundas, Waterdown and Ancaster have each established a public utilities commission that is concerned with both water and hydro supply. In Ancaster, the commission is composed of three members: The reeve, and two other elected by general vote. Burlington, Dundas and Waterdown have five-man commissions, four members of which are elected by a general vote with the head of the municipal council occupying the remaining position. The public utilities commissions of Ancaster, Dundas and Waterdown have the same person as general manager.

#### Appointed Special Purpose Organizations:

Table 3-7 presents a list of special-purpose organizations divided according to municipal jurisdiction, but this list should not be regarded as exhaustive. Numerous organizations exist that have functions related to municipal government but which receive no mention in municipal records. There is not space in this report to discuss in detail each of the 72 organiza-

tions. Some of these organizations carry out important municipal functions and warrant additional attention in the next chapter which deals with municipal services.

#### Planning Boards:

Three planning boards exist in the study area: The Hamilton-Wentworth Planning Area Board, the City of Hamilton Planning Board and the Town of Burlington Planning Board.

The first mentioned above is a joint board composed of four members appointed by the City of Hamilton and four members appointed by the County of Wentworth. In alternate years, the mayor of the city or the warden of the county is a member ex officio.

One-third of the cost of the planning area board is met by the City of Hamilton, and the County of Wentworth contributes the remainder.

The Hamilton-Wentworth Planning Area Board employs a staff of nineteen. In the County of Wentworth, no municipality employs planning personnel. Each municipality therein receives its planning services from the planning area board.

The City of Hamilton employs a planning staff of twenty-one. The planning board is composed of nine members, three of whom are from council.

The planning board in Hamilton is a subsidiary board in the Hamilton-Wentworth planning area. The official plan and its amendments for the city are submitted directly by council to the Minister of the Department of Municipal Affairs for approval.

In March of this year, the Minister announced that Waterdown and East Flamborough would become part of the Hamilton-Wentworth Planning Area Board, and that the Burlington and Suburban Planning Area Board was dissolved.

The Town of Burlington Planning Board was then established as a local board. This board is composed of the mayor ex officio and four appointed members of whom one is a representative from council.

The town planning department employs a staff of eleven who also serve the town planning board.

#### Committees of Adjustment:

Under the authority of Section 32 (a) of The Planning Act, each of the municipalities in the study area has appointed a committee of adjustment. The committee of adjustment is composed of at least three members appointed by council, and these members shall not be members of the municipal council. A committee of adjustment has two principal functions: the authorization of minor variances from zoning by-laws and land severances.

Seven Hundred and forty-eight land severances were granted in 1966 by committees of adjustment in the study area as shown in Table 3-8. One thousand nine hundred and twenty-six severances were granted since 1961 by the committees of adjustment within the Hamilton-Wentworth planning area, excluding the City of Hamilton, the Village of Waterdown and the Township of East Flamborough.

#### Boards of Commissioners of Police:

Table 3-9 shows the administration of police forces in the study area. Every city and town is responsible for the provision of police protection, except that a town of less than 5,000 population may be exempted upon recommendation of the Ontario Police Commission. A village or township, or any part of a village or township may be designated as responsible for police protection, but, where this is not the case, the Ontario Provincial Police has the responsibility for the policing. The Ontario Provincial Police will not accept the responsibility for the enforcement of municipal by-laws.

Every municipality that maintains a police force and that has in excess of 15,000 population is required to have a board of commissioners of police. By by-law other municipalities may, subject to certain requirements, constitute a board. Such a board is composed of the head of the council, a judge of a county or district court, and one other person. These last two members are appointed by the Province of Ontario. Two or more municipalities having jointly a population in excess of 5,000 may constitute a



joint board of police commissioners. Two or more municipalities may enter into an agreement for the amalgamation of their police forces, and the composition of the board is then to be decided by the terms of the agreement. The agreement does not take effect until it has received the approval of the Ontario Police Commission. The Ontario Police Commission is now studying the inter-relation of the police forces in the Town of Stoney Creek and the Township of Saltfleet.

#### Courts of Revision:

The study area has three courts of revision, which are each composed of three appointed members. These exist for Hamilton, Burlington and the County of Wentworth. Members of a court of revision are appointed by municipal council, but no member of council is entitled to sit on such court.

#### Parks and Recreation:

Table 3-10 outlines the administration of recreation programs, park facilities, and other community services in the study area.

The Board of Education for the City of Hamilton is closely involved with recreation matters in Hamilton, as the city has been adhering to a policy of combining new schools with community centres and pool facilities that are now available to the public.

The following municipalities employ full-time directors of recreation: Hamilton, Dundas, Stoney Creek (as of April, 1968), Saltfleet and Burlington.

Boards of park management are authorized under The Public Parks Act and The Municipal Act, while the composition of recreation committees and the grants available to these committees are governed by the provisions of The Department of Education Act.

#### Conservation Authorities:

The following conservation authorities exercise responsibility for the protection and development of watersheds in some part of the study area: The Hamilton Region Conservation Authority, The Halton Region

Conservation Authority, The Niagara Peninsula Conservation Authority and The Grand River Conservation Authority. The Province of Ontario has appointed three members to each of the authorities in the study area, and the remaining members are appointed by the councils of the participating municipalities on the basis of population.

Various Departments of the Provincial Government make grants to conservation authorities for flood control studies and projects, for the acquisition of land and for recreation areas and park projects.

#### Suburban Roads Commission:

The suburban roads commission is composed of five members, and no council member or municipal employee may serve on this commission. Two of the members are appointed by the City of Hamilton and two by the County of Wentworth. The remaining member is selected by the agreement of the four appointed members. Suburban roads continue to be county roads under the jurisdiction and control of the county, and, as such, are eligible for a provincial subsidy at a rate of fifty percent of expenditures. Construction and maintenance on suburban roads are under the supervision of the county road superintendent, but subject to the direction of the suburban roads commission. In any year, the amount to be provided by the city is not to exceed an amount equal to a levy at the rate of one-half mill on the value of equalized taxable assessment in the city. The county is required to contribute a like amount. By agreement with the county council, the council of the city may by by-law, appropriate for suburban roads an amount equal to the proceeds at a rate of two mills on the value of equalized taxable assessment subject to the <sup>condition</sup> ~~condition~~ that the county again contribute the same dollar amount. In the year 1966 the City of Hamilton and the County of Wentworth each contributed \$248,664.

#### The Hamilton Harbour Commission:

This commission is governed by a three-man board, two of whom are appointed by the Federal Government, and the remaining member by the City of Hamilton. The Hamilton Harbour Commission was created in

1912 by Federal Statute. The Hamilton Harbour Commissioners' Act, placed navigation and all works in Hamilton Harbour under jurisdiction of the Board. The Board exercises a planning function in that it has the power to regulate control or prohibit any building operation within or upon the harbour. The commission itself has the power to construct various works and collect rates or tolls.

The Royal Botanical Gardens:

This unique facility is governed by an appointed board upon which some of the area municipalities have representation: The Board of Parks Management of the City of Hamilton has three members; the City of Hamilton appoints three members; The Towns of Burlington and Dundas, the Township of West Flamborough, McMaster University, the Ontario Department of Agriculture and the Lieutenant-Governor of Ontario each appoint one member. The mayor of the City of Hamilton is also a member.

Housing:

Four separate administrative structures are involved in the provision of public housing facilities in the study area. Of the municipalities in the study area, only the City of Hamilton is directly involved with the administration of public housing. In the rest of the area, the Ontario Housing Corporation may undertake to provide public housing units. The Town of Burlington, for example, the Ontario Housing Corporation is presently underwriting for construction of fifty-four units.

The Hamilton Housing Authority manages approximately 1,127 full recovery units and 148 units constructed since 1964. It is expected that 342 units will be built in 1968.

The City of Hamilton also has created the Hamilton Housing Company Limited, a corporation whose shares are held entirely by officials of the City of Hamilton. This Corporation administers various housing units for senior citizens, with rentals geared to cost. The Macassa Lodge is an example of senior citizen apartments constructed under this arrangement.

The City of Hamilton has entered into several agreements

with service clubs, groups with religious affiliations and private individuals to provide limited dividend housing in conjunction with Central Mortgage and Housing Corporation. Rentals on these units are controlled by the C.M.H.C. on the basis of a stipulated rate of return. Coronation Park is one such undertaking. As part of the original agreement to provide these units, the City of Hamilton has undertaken to provide land or financial assistance.

Senior citizen units that are managed by the Hamilton Housing Company Limited or the Ontario Housing Corporation involve the City in an additional subsidy equal to all taxes in excess of \$25.00 per unit.

#### Children's Aid Societies:

The provision of welfare services exhibits a great degree of inter-relation between all levels of government and between governmental and private authorities. The Child Welfare Amendment Act, 1966 stipulates that a municipal council must approve the budget of the Children's Aid Societies that is properly prepared and submitted. Forty percent of the approved estimate of the operating costs of the society must be paid by the municipality.

There are three societies in the study area: The Hamilton-Wentworth Children's Aid Society, The Catholic Children's Aid Society of Hamilton-Wentworth and The Children's Aid Society of the County of Halton. The County of Wentworth appoints one member and the City of Hamilton appoints three members to each of the two societies in the County of Wentworth. Both the City of Hamilton and the County of Wentworth make contributions direct to the Hamilton-Wentworth societies.

The Children's Aid Society of the County of Halton serves the Town of Burlington. In the County of Halton, there is no Roman Catholic Children's Aid Society.

#### Inter-Municipal Agreements

Agreements between municipalities to provide particular



services are used in the study area. The agreements are: roads, fire protection, water, sewers and garbage. Table 3-11 shows the distribution of these agreements. Only services that are provided on an inter-municipal basis without the administration being vested in a joint board are shown. Several agreements which exist for the provision of emergency fire assistance. (mutual aid) are not shown in the Table.

### Summary

The impact of independent authorities can be gauged to some extent by reference to Table 3-12. This Table presents the results of an attempt to summarize the number of municipal employees separated according to employment directly by council or by local board or commission. Only local boards as defined in the Department of Municipal Affairs Act were used for this purpose. The results are not entirely accurate as some boards may share staff employed directly by the municipality, or, as occurred in some cases, the municipality may provide figures on employment by independent boards that differ from the figures returned by these same boards. The classification of part-time or seasonal employees contributed to the differences in this regard. Where it was possible to obtain figures for January 1967, these were used in the preparation of this Table.

TABLE 3 - 1

COMPOSITION OF COUNCILS AND RELATED DATA, 1968

<u>Municipality</u>	<u>Assessed Population 1968</u>	<u>1/ Head of Council</u>	<u>2/ Total</u>		<u>Popula- tion Per Repre- sentative</u>	<u>Next Election</u>	<u>Last Election</u>	
			<u>Repre- sentatives</u>	<u>Elected Repre- sentatives</u>			<u>Eligible Voters</u>	<u>Percent Voting</u>
City: Hamilton	288,993	Mayor	20	4/ 21	13,762	Dec. '68	183,088	45
Towns: Dundas	15,461	M., R. & D.R.	6	9	1,718	Dec. '70	8,162	44
Stoney Creek	7,577	M., R. & D.R.	4	7	1,082	Dec. '68	4,016	41
Village: Waterdown	2,007	Reeve	4	5	401	Dec. '68	1,057	32
Townships: Ancaster	15,130	R. & D.R.	3	5	3,026	Dec. '69	7,535	45
Beverly	5,766	R. & D.R.	3	5	1,153	Dec. '69	2,869	22 3/
Binbrook	3,291	R. & D.R.	3	5	658	Dec. '69	1,838	49 3/
East Flamborough	5,520	R. & D.R.	3	5	1,104	Dec. '69	2,800	36 3/
West Flamborough	8,125	R. & D.R.	3	5	1,625	Dec. '68	3,950	41 3/
Glanford	5,868	R. & D.R.	3	5	1,174	Dec. '68	2,824	A
Saltfleet	18,165	R. & D.R.	5	7	2,595	Dec. '68	9,238	39
County: Wentworth	--	Warden	18	19	--	--	--	--
Town: Burlington	71,643	M., R. & D.R.	8	11	6,513	Dec. '69	39,990	41
Town: Grimsby	6,720	M., R. & D.R.	4	7	960	Dec. '68	3,593	NA
Township: North Grimsby	7,324	R. & D.R.	3	5	1,465	Dec. '69	4,222	NA

1/ M. - Mayor; R. - Reeve; D.R. - Deputy Reeve; A - Acclamation.      2/ Councillors or Aldermen, and including Controllers.  
3/ Head of Council Elected by Acclamation.                              4/ Includes 4 members - Board of Control.

Source: Ontario Department of Municipal Affairs.

Prepared by: Ontario Department of Municipal Affairs.

TABLE 3 - 2

PERCENTAGE DISTRIBUTION  
ASSESSMENT AND POPULATION BY WARD (1967)

	WARD # <u>1/</u>								Total <u>Municipality</u>
	1	2	3	4	5	6	7	8	
<u>City of Hamilton</u>									
% of Assessment	12	16	11	15	13	10	11	12	\$539, 568, 500 <u>3/</u>
% of Population	14	10	13	10	11	11	16	15	285, 649
% of Total Electors	14	12	13	10	12	10	15	14	183, 088
<u>Town of Burlington</u>									
% of Assessment <u>2/</u>	10	10	5	11	10	16	19	19	\$147, 657, 820 <u>3/</u>
% of Population	9	10	5	15	12	15	15	19	71, 781
% of Total Electors	10	11	5	12	12	18	15	17	39, 918
<u>Township of Saltfleet</u>									
% of Assessment	19	15	16	23	27				\$ 24, 610, 298 <u>3/</u>
% of Population	22	15	17	21	25				18, 233
% of Total Electors	22	15	17	21	25				9, 228

1/ The City of Hamilton elects 2 representatives for each ward.  
The Town of Burlington and the Township of Saltfleet elect 1 representative for each ward.  
2/ Excludes business assessment.  
3/ Assessment figures are not equalized.

TABLE 3 - 3  
COUNCIL ORGANIZATION

<u>Municipality</u>	<u>Board of Control</u>	<u>Adminis- trator <u>1/</u></u>	<u>Committee of the <u>2/</u> Whole</u>	<u>Standing Committee</u>
Hamilton	4 Controllers and Mayor	--	--	17
Dundas	--	Yes	--	8
Stoney Creek	--	--	--	8
Ancaster	--	Yes	Yes	Nil
Beverly	--	--	--	5
Binbrook	--	--	Yes	Nil
East Flamborough	--	--	Yes	Nil
West Flamborough	--	--	Yes	Nil
Glanford	--	--	Yes	Nil
Saltfleet	--	--	--	7
Wentworth	--	--	--	9
Burlington	--	--	--	5

1/ The position of administrator does not have any statutory authority apart from Section 377, para. 58, The Municipal Act.

2/ Indicated only in those cases where this method of operation predominates.

Source: The Municipalities.

Prepared by: Municipal Research Branch,  
 Ontario Department of  
 Municipal Affairs.



TABLE 3 - 4

REMUNERATION OF COUNCIL MEMBERS  
(Jan. 1968)

<u>Municipality</u>	S A L A R Y				
	<u>Head of Council</u>			<u>Members of Council</u>	
	<u>Mayor</u>	<u>Reeve</u>	<u>Deputy Reeve</u>	<u>Controllers</u>	<u>Members</u>
	\$	\$	\$	\$	\$
City:					
Hamilton	18, 000	--	--	9, 500	3, 500
Towns:					
Dundas	3, 000	1, 200	1, 200	--	1, 200
Stoney Creek	3, 000	16*	16*	--	16*
Village:					
Waterdown	--	20*	--	--	16*
Townships:					
Ancaster	--	20 <u>1</u> /	20 <u>1</u> /	--	20 <u>1</u> /
Beverly	--	16*	14*	--	14*
Binbrook	--	16*	12*	--	12*
East Flamborough	--	16*	16*	--	16*
West Flamborough <u>3</u> /	--	16*	16*	--	16*
Glanford	--	16*	15*	--	15*
Saltfleet	--	3, 500	20 <u>4</u> /	--	20 <u>4</u> /
County:					
	(Warden)				
Wentworth	5, 000	--	--	--	20 <u>2</u> /
Town:					
Burlington	5, 000	25*	25*	--	25*
Town:					
Grimsby	2, 500	15*	15*	--	15*
Township:					
North Grimsby	--	15*	15*	--	15*

\* Per diem rates.

1/ \$20. per council meeting and \$16. per committee meeting.

2/ \$20. per meeting plus 10¢ per mile.

3/ Plus road mileage.

4/ \$20. per council meeting and \$17. per committee meeting.

Additional remuneration can also be received for services on  
Boards and Committees.

Source: Ontario Department of Municipal Affairs.  
Annual Returns of Officers.

Prepared by: Municipal Research Branch,  
Ontario Department of  
Municipal Affairs.

TABLE 3 - 5  
REPRESENTATION ON COUNTY COUNCIL

<u>Municipality</u>	<u>Votes on County Council</u>	<u>Population Per Vote on County Council 1968</u>
Towns:		
Dundas	4	3,865
Stoney Creek	4	1,894
Village:		
Waterdown	1	2,007
Townships:		
Ancaster	4	3,783
Beverly	3	1,922
Binbrook	2	1,646
East Flamborough	3	1,840
West Flamborough	4	2,031
Glanford	3	1,956
Satlfleet	4	4,541
County:		
Wentworth	32	2,716
Town:		
Burlington	8 <u>1</u> /	8,955
Town:		
Grimsby	4 <u>2</u> /	1,680
Township:		
North Grimsby	4 <u>2</u> /	1,831

1/ Halton County - Total Votes on Council 32

2/ Lincoln County - Total Votes on Council 27

Source: Ontario Department of Municipal Affairs.

Prepared by: Municipal Research Branch,  
Ontario Department of  
Municipal Affairs.

TABLE 3 - 6

THE ADMINISTRATION OF PUBLIC UTILITIES

<u>Municipality</u>	<u>Electricity</u>	<u>Water</u>	<u>Transit</u>
City; Hamilton	Hydro Electric Commission	Committee of Council	Transit <u>1</u> / Authority
Towns:			
Dundas	P. U. C.	P. U. C.	<u>2</u> /
Stoney Creek	Hydro Electric Commission <u>3</u> /	Committee of Council	<u>2</u> /
Village:			
Waterdown	P. U. C.	P. U. C.	<u>2</u> /
Townships:			
Ancaster	P. U. C. <u>4</u> /	P. U. C.	<u>2</u> /
Beverly	<u>5</u> /	No Municipal Water	<u>2</u> /
Binbrook	O. H. E. P. C.	No Municipal Water	<u>2</u> /
East Flamborough	O. H. E. P. C.	No Municipal Water	<u>2</u> /
West Flamborough	O. H. E. P. C.	No Municipal Water	<u>2</u> /
Glanford	O. H. E. P. C.	No Municipal Water	<u>2</u> /
Saltfleet	O. H. E. P. C.	Committee of Council	<u>2</u> /
Town:			
Burlington	P. U. C.	P. U. C.	<u>6</u> /

1/ The Hamilton Transit Authority owns the Hamilton Street Railway Commission and Canada Coach Lines Ltd.

2/ Service provided by Hamilton Street Railway or Canada Coach Lines.

3/ Performs administration and billing only. O. H. E. P. C. completes maintenance and construction.

4/ The P. U. C. serves the area of the police village of Ancaster only. Rural service provided by O. H. E. P. C.

5/ Police Village of Lynden Hydro Electric System and remainder served by O. H. E. P. C.

6/ Service supplied by Norton Bus Lines Ltd. (Private),  
Hamilton Street Railway,  
Canada Coach Lines Ltd.,  
Gray Coach Lines Ltd. (Toronto Transit  
Commission).

Source: The municipalities.

TABLE 3 - 7

FUNCTIONS ADMINISTERED BY APPOINTED  
INDEPENDENT AUTHORITIES  
(Including Appointed Local Boards & Commissions)

The City of Hamilton

Hydro Electric Power Commission  
Transit Commission  
Public Library Board  
Board of Park Management  
Board of Health  
Board of Police Commissioners  
Planning Board  
Committee of Adjustment  
Hamilton Harbour Commission  
Court of Revision  
Cemetery Board  
Hamilton Civic Hospitals  
Hamilton Housing Company Ltd.  
Macassa Lodge - Home for the Aged  
The Parking Authority  
Urban Renewal Committee

The Town of Dundas

Board of Parks Management  
Library Board  
Recreation and Community Centre Board  
Committee of Adjustment

The Town of Stoney Creek

Board of Parks Management  
Library Board  
Hydro Electric Power Commission  
Committee of Adjustment

The Village of Waterdown

Committee of Adjustment  
Cemetery Board  
Board of Recreation  
Twilight Market Board

The Township of Ancaster

Community Centres Board (2)  
Lynden Community Centre Board  
Board of Police Commissioners  
Cemetery Board  
Committee of Adjustment

The Township of Beverly

Cemetery Board  
Committee of Adjustment

The Township of Binbrook

Community Centre Board  
Committee of Adjustment



TABLE 3-7

Page 2

FUNCTIONS ADMINISTERED BY APPOINTED  
INDEPENDENT AUTHORITIES  
(Including Appointed Local Boards & Commissions)

The Township of East Flamborough

Committee of Adjustment

The Township of West Flamborough

Community Centres Board (5)  
Committee of Adjustment

The Township of Glanford

Cemetery Board  
Community Centre Board  
Committee of Adjustment

The Township of Saltfleet

Cemetery Board  
Memorial Park Board  
Board of Police Commissioners  
Committee of Adjustment

The Town of Burlington

Library Board  
Planning Board  
Committee of Adjustment  
Court of Revision

AUTHORITIES WITH JURISDICTION IN  
SEVERAL MUNICIPALITIES  
(Including Boards of The County of Wentworth)

Hamilton-Wentworth Planning Area Board  
Hamilton-Wentworth Suburban Roads Commission  
Hamilton-Wentworth Emergency Measures Organization  
Wentworth County Health Unit  
Halton County Health Unit  
Hamilton Region Conservation Authority  
Niagara Peninsula Conservation Authority  
Halton Region Conservation Authority  
Grand River Conservation Authority  
The Royal Botanical Gardens  
The Niagara Regional Development Association  
Waterdown, East & West Flamborough Joint Fire Area Board  
Joseph Brant Memorial Hospital Board  
Children's Aid Society of Hamilton-Wentworth  
Catholic Children's Aid Society of Hamilton-Wentworth  
Children's Aid Society of the County of Halton  
Hamilton Harbour Commission

Source: The Municipalities.

TABLE 3 - 8

CONSENTS GRANTED BY AREA COMMITTEES  
OF ADJUSTMENT (1966)

---

Hamilton	225
Dundas	12
Stoney Creek	3
Waterdown	10
Ancaster	22
Beverly	58
Binbrook	32
East Flamborough	31
West Flamborough	35
Glanford	9
Saltfleet	64 <u>1</u> /
Burlington	247 <u>2</u> /

1/ 34 new lots.

2/ 205 new lots.

Source: The municipalities.

Prepared by: Municipal Research Branch,  
Ontario Department of  
Municipal Affairs.

TABLE 3 - 9

POLICE ADMINISTRATION

<u>Municipality</u>	<u>Administered By</u>
City:	
Hamilton	Commission
Towns:	
Dundas	Commission
Stoney Creek	Council <u>3/</u>
Village:	
Waterdown	O.P.P. <u>1/</u> <u>2/</u>
Townships:	
Ancaster	Commission
Beverly	O.P.P. <u>1/</u>
Binbrook	O.P.P. <u>1/</u>
East Flamborough	O.P.P. <u>1/</u>
West Flamborough	O.P.P. <u>1/</u>
Glanford	O.P.P. <u>1/</u>
Saltfleet	Commission <u>3/</u>
Town:	
Burlington	Commission

1/ No contract with Ontario Provincial Police but Provincial force provides general patrol.

2/ Prior to May, 1967, Waterdown maintained a two-man force.

3/ A study is presently underway on the feasibility of a joint Stoney Creek-Saltfleet force.

Source: The Municipalities.

TABLE 3 - 10

PARKS AND RECREATION ADMINISTRATION  
(1966)

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<u>Municipality</u>	<u>Parks</u>	<u>Recreation</u>	<u>Parks and Recreation Combined</u>
City:			
Hamilton	Board	Committee	
Towns:			
Dundas	Board	Commission <u>1</u> /	
Stoney Creek	Board	Committee	
Village:			
Waterdown		Committee <u>7</u> /	
Townships:			
Ancaster			Board <u>8</u> /
Beverly	<u>5</u> /		
Binbrook			Committee <u>6</u> /
East Flamborough			Committee <u>4</u> /
West Flamborough	<u>3</u> /		
Glanford			Board
Saltfleet			Committee
Town:			
Burlington			Committee <u>2</u> /

1/ The Town of Dundas also has a community centre board as well.

2/ From January 1968 the committee has been known as "The Recreation Committee", but it is responsible for parks facilities as well.

3/ Five community centre boards, council represented on each.

4/ Recreation committee (joint) administers parks and community centres.

5/ Various private recreation areas. Village and area residents formed and operate community centres in their own locality, to which the township has made grants in the past.

6/ Administrated by the township council in co-operation with the recreation committee.

7/ Jointly administered with East Flamborough Township.

8/ Recreation Committee of Council and Lynden Community Centre Board also.

Source: The Municipalities and  
Returns of Officers.

Prepared by: Municipal Research Branch,  
Ontario Department of  
Municipal Affairs.



TABLE 3 - 11

LIST OF INTER-MUNICIPAL AGREEMENTS

<u>Agreement Concerning</u>	<u>Municipality</u>
Water	Hamilton - Dundas Hamilton - Stoney Creek Hamilton - Ancaster Hamilton - Saltfleet Saltfleet - North Grimsby
Sewers	Hamilton - Stoney Creek Hamilton - Saltfleet
Transit	Hamilton - Burlington
Townline Roads	Ancaster - Brantford Ancaster - Glanford Beverly - East Flamborough Binbrook - Caistor Binbrook - Glanford Binbrook - Seneca Glanford - Seneca Burlington - East Flamborough Burlington - Nassagaweya Burlington - Oakville
Fire Protection	Beverly - Ancaster Burlington - Milton Wentworth County Mutual Aid Halton County Mutual Aid

Source: The Municipalities.

Prepared by: Municipal Research Branch,  
Ontario Department of  
Municipal Affairs.

TABLE 3 - 12

NUMBER OF MUNICIPAL EMPLOYEES  
January 1, 1967 (approximately)

<u>Municipality</u>	<u>Total</u>	<u>Directly by Council</u>	<u>By a local board or commission</u>
Hamilton	3,921 <u>2/</u>	1,890 <u>1/</u>	2,031 <u>2/</u>
Dundas	131	74	57
Stoney Creek	29	19	10
Waterdown	4	2	2
Ancaster	49	27	22
Beverly	6	6	--
Binbrook	5	5	--
East Flamborough	3	3	--
West Flamborough	9	9	--
Glanford	5	5	--
Saltfleet	65	48	17
Wentworth	222	81	141
Burlington	451	239	212

1/ Includes those employed in the administration of justice, now a provincial responsibility. Does not include the planning department staff (shared).

2/ Includes: Hydro, Transit, Police, Planning Board, board of park management, library board, board of health and parking authority. Does not include Hamilton Civic Hospitals (2,903).

Source: The municipalities.

Prepared by: Municipal Research Branch,  
 Ontario Department of  
 Municipal Affairs.

## CHAPTER 4

### MUNICIPAL SERVICES

Seven broad headings will be employed in this chapter in discussion of the principal functions carried out at the municipal level.

Table 4-1 shows the percentage distribution in 1965 of municipal expenditures on various functions. Police village and county rates are not counted as a separate category as the bulk of the expenditures involved are subsequently itemized for the County of Wentworth according to function. The amount of inter-municipal transfers are subtracted to avoid counting the amount twice in arriving at the totals. The percentages have been arrived at by using expenditures less all provincial grants and other items that are recoverable by the municipality. The occasional small negative amounts that appear indicate that the municipality was fully subsidized on the provision of a particular service by its own administration although, the municipality may have made a substantial contribution through the county rate.

#### General Government

##### Clerk's and Treasurer's Office:

In the City of Hamilton, the Towns of Dundas and Burlington and the Township of Ancaster, the offices of Clerk and Treasurer are held by different individuals. Both the Town of Dundas and the Township of Ancaster have passed a by-law creating an office of administrator or co-ordinator to execute these functions jointly. In the remaining municipalities of the study area, the office is combined as the Clerk-Treasurer.

##### Capital Forecast:

In the following municipalities no five year capital needs forecast is prepared to formally guide the allocation of capital funds: the Village of Waterdown, the Townships of Beverly, Binbrook, East Flamborough, West Flamborough, Glanford and the County of Wentworth. In the case of the Township of Ancaster, only preliminary capital forecasts have been undertaken.

### Assessment:

There are three separate assessment commissioners in the study area. All of the municipalities that are within the County of Wentworth are assessed by staff employed by the county. The office of County Assessment Commissioner was created effective January 1st, 1967. Because assessment in the County of Wentworth prior to 1967 was carried out by local assessors for each municipality a wide range exists in the assessed valuation of properties between the municipalities. The County assessment commissioner has programmed a complete reassessment of the County of Wentworth with the Town of Stoney Creek and the Village of Waterdown to be completed in 1968. Accordingly, when reassessment is completed the assessed value of the County of Wentworth municipalities will be stated in terms related to current values.

The Province has been actively encouraging the move to County (or District) Assessment Commissioners by providing an incentive grant. The County of Wentworth may receive a subsidy, calculated according to a formula, that yields up to \$12,500 for salaries. In addition, the increased equipment costs of changing to the county system are subsidized at the rate of fifty percent for three years.

The City of Hamilton and the Town of Burlington retain their own assessment commissioners and receive no provincial grant in respect of this function.

Table 4-2 provides details of the assessment personnel employed in the study area.

Chapter 6, in dealing with the finances of the municipalities contains comparative figures for assessment in the municipalities.

### Planning:

From Table 4-3 it is evident that most parts of the study area are covered by the three basic instruments of community planning, official plans, zoning by-laws and subdivision control by-laws.

In the City of Hamilton, the planning department is not employed



by the Hamilton Planning Board, but is organized as a department of the civic administration. Planning consultants are used considerably for the preparation of special reports and for amendments to the official plan. The City of Hamilton official plan basically illustrates the existing land use pattern in the city. An amendment to the plan provides coverage to the undeveloped portions of the city and to a limited extent establishes the density of development that is anticipated.

The Hamilton - Wentworth Planning Area Board has prepared an official plan for each of the municipalities in the County of Wentworth. Four of these plans are now being up-dated.

The official plans of the Village of Waterdown and the Township of East Flamborough were originally prepared by the Burlington and Suburban Planning Area Board. This board has been reconstituted to serve only the Town of Burlington. In the Town of Burlington, as in the City of Hamilton, the planning board has no staff of its own and its employees form a department of the municipal corporation. Planning consultants have not been employed since 1960. The Burlington section of the original planning area is entirely covered by an official plan which is currently undergoing a review in accordance with the quinquennial review policy set out in the plan.

In the Town of Burlington the original zoning by-laws of the municipalities that existed prior to amalgamation are still in effect. A new and comprehensive zoning by-law is about complete and is expected to operate to attain the objectives of the official plan.

In the study area, the City of Hamilton is pursuing a program of urban renewal in conjunction with the provincial and federal governments. Three projects are now underway, the North End, Civic Square and York Street projects. Reports have been published by the city that provide complete details of each project. The Town of Dundas is considering an urban renewal study and some preliminary work has been done in this connection by the area planning board. Such projects are heavily subsidized by senior levels of government; a federal contribution of fifty percent and a provincial contri-

bution of twenty-five percent are applicable to a broad range of approved expenditures.

### Protection to Persons and Property

#### Police:

Of the twelve municipalities in the study area six have a local police force. Table 4-4 provides details of the size of these forces but the figures do not include clerical help or other civilian personnel employed by police forces.

Five of the forces operate entirely on a twenty-four hour basis. The forces are linked to each other and to the Ontario Provincial Police by telephone, radio and telex. The Town of Stoney Creek alone is not equipped with telex. Police in the Town of Stoney Creek are dispatched by the City of Hamilton or Township of Saltfleet police dispatcher and the vehicles are equipped with radios that operate on the frequencies of both these forces. Twenty-four hour patrols are provided but the office is not staffed throughout the day.

The municipalities that have no police force receive general police protection from the Ontario Provincial Police at no cost, but the Provincial Police do not enforce municipal by-laws. In the Township of West Flamborough a by-law enforcement officer is employed and in the Township of East Flamborough and the Township of Beverly the building inspector is responsible for this function. The Town of Waterdown, the Townships of Binbrook and Glanford report that no individual in the municipality is specifically charged with the responsibility to ensure that local by-laws are observed. The City of Hamilton, the Town of Burlington and the Townships of Ancaster and Saltfleet all employ persons apart from police officers to enforce certain municipal by-laws, but in the case of the last three municipalities only dog licensing and control are involved.

#### Fire:

From Table 4-5, it is apparent that fire protection is ex-

tended to a large segment of the study area under the terms of inter-municipal agreement. The rural portion of the Town of Burlington for example, is protected by an agreement with the Town of Milton and the Township of Ancaster similarly purchases fire protection from the Township of Beverly. The Townships of East and West Flamborough and the Village of Waterdown by agreement participate in a joint fire area board that provides for the rental and maintenance of a station at Freelon in the Township of West Flamborough by the Township of East Flamborough.

All of the municipalities in Wentworth County, the City of Hamilton and the Town of Burlington participate in the Wentworth County Mutual Aid System. Burlington is also part of the Halton County Mutual Aid. Mutual aid is a plan whereby additional relief can be provided a municipality by neighboring municipal fire departments in the event of a fire emergency with which a municipality cannot cope individually. These plans require the approval of the Ontario Fire Marshall and the Councils of the municipalities concerned. The Province, by order-in-council, names a fire co-ordinator who is authorized to administer mutual aid plans. The cost to a municipality for participating in mutual aid plans is nominal.

Every municipality in the study area maintains a fire department, but the City of Hamilton alone, in whole or in part, does not depend on volunteers. Both the Town of Burlington and the Township of Ancaster report difficulty in maintaining sufficient volunteer strength as the residents of urban areas are less able to leave regular employment to attend fires and practices. The payment of volunteers varies within the study area. The Township of Beverly reports that volunteer firemen are paid \$4.00 for the first hour and \$2.50 for each additional hour at a fire. The Town of Dundas pays volunteer firemen at the rate of \$3.00 per hour and \$3.00 for practices. Five of the municipalities make no payment for the individual firefighter but the Town of Burlington for example, has paid \$3.00 per man to the fire company.

Mohawk College of Applied Arts and Technology offers a three

year, six subject course leading to a Fire Science Certificate. Forty men employed by the City of Hamilton fire department are enrolled in this course.

Emergency Services:

These are provided to a varying extent throughout the study area. Only the Township of East Flamborough reports that it has no emergency life-saving equipment available within the municipality. In all others, the fire department offers at a minimum, emergency inhalator and resuscitator service. Several municipalities have at least one emergency unit that serves in cases of need an an ambulance (the Towns of Dundas, Stoney Creek and Burlington and the Townships of Ancaster, Glanford and Saltfleet). The City of Hamilton Fire Department has six vehicles that can and do serve in emergencies as ambulances. A rescue unit in the City of Hamilton is equipped to handle all types of emergencies that may require the release of trapped persons throughout the city. In the City of Hamilton, routine ambulance service is provided by five private operators employing a total of ten vehicles. By agreement between the operators and the City of Hamilton, vehicles dispatched by the police department in emergency cases are guaranteed payment. The Town of Burlington subsidizes an ambulance service within the municipality and the Town of Dundas has negotiated an agreement with a Hamilton operator to ensure service. No other municipality in the study area has an ambulance service within its boundaries and or contracts for ambulance service.

In this chapter, a section on ambulance services under the heading of Public Health and Hospitals provides some details of new provincial involvement in this field.

Hamilton - Wentworth Emergency Measures Organization:

This organization is established in conjunction with the provincial and federal governments. The senior governments subsidize heavily the costs involved. The unit is expected to provide co-ordinating services during national emergencies. Municipalities other than the City of Hamilton participate only through the county levy.



## Water Supply

Table 4-6 provides data from the Ontario Water Resources Commission that deals with the water systems in the study area. Five of the area municipalities have no municipal waterworks. The City of Hamilton supplies the Towns of Dundas and Stoney Creek and parts of the Townships of Ancaster and Saltfleet with treated water. Other parts of the Township of Saltfleet are served by the Town of Grimsby. The town of Burlington operates the only other major treatment plant in the study area, although the Township of Ancaster and the Village of Waterdown public utilities commissions operate well systems and chlorination facilities.

The City of Hamilton has recently had prepared two technical reports dealing with required additions and alterations to the waterworks and water distribution systems. In almost all districts of the city, additional pumping and storage facilities are required at present. The table below indicates the expected capital costs of extension to water facilities to be incurred over the next five years in those municipalities of the study area that have provided forecasts. All figures are in millions of dollars.

	<u>1968</u>	<u>1969</u>	<u>1970</u>	<u>1971</u>	<u>1972</u>
Hamilton	4.14	4.99	5.79	4.19	2.49
Dundas	.25	.10	.15	.26	.10
Ancaster	.15	.14	--	--	--
Saltfleet	--	.21	--	--	--
Burlington	.44	.46	.66	.62	.57

## Public Works, Sanitation and Waste Removal

### Sewerage:

Table 4-7 provides data from the Ontario Water Resources Commission that deals with sewage facilities in the study area that was obtained from the Ontario Water Resources Commission.

Map 4 that accompanies this report indicates the extent of the study area that can be readily served from treatment facilities in Hamilton or the Town of Burlington. The natural pattern of drainage in the area indicates

that the physical sewage systems of the City of Hamilton and the Town of Burlington remain separate.

At present the city provides treatment service for the Township of Saltfleet and the Town of Stoney Creek and in a preliminary way is now negotiating further agreements with the Townships of Glanford and Ancaster. In both Saltfleet and Ancaster Townships, the need for sanitary facilities is so acute that it has restricted development.

The table below indicates the capital costs that municipalities in the area anticipate for the expansion of all aspects of sewage collection and treatment. All figures are given in millions of dollars.

	<u>1968</u>	<u>1969</u>	<u>1970</u>	<u>1971</u>
Hamilton	4.50	3.46	2.96	8.26
Saltfleet	.66	--	.13	.14
Burlington	2.10	.93	1.45	1.04
Stoney Creek	(total cost of proposed project \$92,330)			

In some municipalities part of the amount required for the extension of trunk sewers and collector systems are financed through subdivision agreements and special levies on properties that are deemed to benefit. In addition to the amounts reported above, the Town of Dundas, the Village of Waterdown and the Townships of Ancaster and Glanford are now considering proposals that entail additions to and improvements in the sanitary systems of those municipalities.

All municipalities that provide sanitary facilities have passed a sewer-use by-law. Industrial concerns that discharge waste of high organic or chemical composition create problems in the treatment of sewage as the plants are primarily designed for the treatment of domestic wastes.

#### Garbage Collection and Disposal:

All municipalities in the study area have access to garbage disposal sites. By agreement, the Township of Glanford and the Town of Stoney Creek use facilities operated by the City of Hamilton at a cost of \$1.50 per ton. The Village of Waterdown and the Township of East Flamborough are permitted to use the landfill site of the Town of

Burlington at no cost as part of the terms of an annexation. The City of Hamilton and the Townships of Ancaster, Binbrook, West Flamborough and Glanford employ burning as one of their compacting and disposal methods. Both the City of Hamilton and the Township of Ancaster report that open burning has resulted in numerous complaints by area residents and these municipalities are studying proposals to improve disposal facilities. Open burning is specifically prohibited by new provincial regulations governing sanitary landfill areas. The City of Hamilton presently operates one incinerator site that will shortly be closed. A report on the collection and disposal of garbage in the City of Hamilton recommends that new incinerators be constructed. Similar to trends in major municipalities, disposal costs in the City of Hamilton have increased from .96¢ per ton in 1960 to \$1.91 in 1967. Collection costs have gone from \$5.85 per ton to \$6.28 per ton in the same period.

The City of Hamilton and the Town of Dundas are the only municipalities that have garbage collection provided by municipal employees. Some of the municipalities supply collection to urban areas by contract between the municipality and private firms. In the Townships of Binbrook, West Flamborough and Glanford, the resident is responsible for arranging any collection service that may be required. The cost of collection in the Town of Burlington, the Town of Stoney Creek and the Township of Saltfleet is estimated on a per capita basis to be \$2.37, \$3.25 and \$3.28 respectively. In Hamilton and Dundas, per capita costs of collection are \$2.15 and \$2.80. The cost of this service is met through a tax levy. The Township of Ancaster bills the resident separately for garbage services and regular weekly service is provided. In the remaining municipalities, the residents are also billed separately, but the service is entirely at the option of the resident.

#### Roads:

All urban parts of the study area have been studied in comprehensive transportation reports prepared in conjunction with the Ontario Department of Highways. The Hamilton Area Transportation Plan was produced in May of 1963. In 1964, The Department of Highways produced the

Niagara Peninsula Transportation Study that is related to the study area. Draft copies of the Burlington Transportation Study were submitted by consultants to the Burlington Council in 1968 for approval. These studies provide an analysis in detail of transportation needs and patterns for all roads regardless of jurisdiction.

The Province of Ontario, the City of Hamilton, each of the local municipalities, the County of Wentworth and the Hamilton Wentworth Suburban Roads Commission exercises some jurisdiction over parts of the network of roads that exists in the study area. Table 4-8 shows the mileage and type of roads under the jurisdiction of the municipal corporations. In addition, there are 177.5 miles of provincial highways in the study area, approximately 30 miles in the Town of Burlington and 136.3 in the Townships.

The Hamilton Area Transportation Plan put forward an integrated program of highway and freeway improvements designed to accommodate traffic volumes anticipated for 1985. Five new freeways were proposed as well as substantial improvements to provincial highways. In 1963, costs were estimated at approximately \$200 million, to be shared between the city and province. The 1967 to 1971 capital budget of the city makes concrete provisions for only one of the proposed freeways. That is, the East-West freeway for which preliminary work had begun prior to the completion of the study. Amounts that are included before 1971 are for land acquisition only, and total \$20 million of the total estimate cost of \$53.8 million (1963 estimate). The North-South freeway and the Red Hill Creek freeway are also mentioned in the five year capital needs forecast, but no funds are provided. The Transportation Study also recommends a major program of improvements to arterial streets in the city.

### Public Health and Hospitals

Public Health:

The Town of Burlington, through the County of Halton, participates in the Halton County Health Unit. In the regulations made



under The Public Health Act, the Counties of Halton and Peel are mentioned as eligible for a 75% grant in subsidy of health unit expenditures if they combine the two separate county health units into a single district health unit. Similarly, the City of Hamilton and the County of Wentworth have been named as eligible if they combine their separate facilities. Such an amalgamation of health facilities has been agreed to by the County of Wentworth and the City of Hamilton. The increased grant results in a saving to the city of an amount estimated now at \$528,000 or approximately equivalent to a one mill tax levy on the city's local total taxable assessment. The grant formerly received by the city was equal to 25% of expenditures on public health. The Wentworth County Health Unit formerly received a subsidy of 50%.

Most of the services provided by the health department or county health unit are mandatory in that they are prescribed in the regulations under The Public Health Act. These services include: the control of communicable disease, the enforcement of environmental health standards by inspection programs, school health services, maternal and child health programs. In addition to these services, the Hamilton Board of Health provides children's and adult mental health services.

#### Hospitals:

Table 4-9 provides data on the hospital facilities that exist in the study area. The large surplus of available beds forecast for the City of Hamilton is a result of the expected completion in 1971 of the university teaching hospital at McMaster University.

Municipalities usually assist in the financing of new hospital construction, but take very little part in the administration of hospital facilities. The City of Hamilton has 12 members of the total 20 on the Hamilton Civic Hospitals Board, which operates the Hamilton General and the Henderson General Hospitals. The ownership of the physical plant of these two hospitals is vested in the city. At December 31st, 1967, \$10.2 million of debenture debt was outstanding as the city's share of capital construction for all hospitals. The senior governments provide two-thirds of all capital requirements of

public hospitals.

The County of Wentworth makes grants to hospital boards for capital purposes. In addition, it has assumed part of the debenture debt for the West Lincoln Memorial Hospital located in the Town of Grimsby.

The Town of Burlington, through a special reserve fund, contributes to capital needs of the Joseph Brant Memorial Hospital. In 1966, \$246,074 was provided from the general revenues of the town.

Ambulance service:

The City of Hamilton, and the Towns of Burlington and Dundas have existing agreements with ambulance operators in the study area. The Town of Burlington pays a subsidy of \$10,000 per annum to a private operator to maintain service within the municipality.

The agreement for ambulance service in the Town of Dundas involves \$2,700 and covers the service of a Hamilton-based operator. In the City of Hamilton, no subsidy is paid to any operator, the Police Department agrees to dispatch ambulances and guarantees payment. The welfare-department of the city then bills the persons involved, or may pay the cost itself if the person is in need. Municipalities with signed agreements receive a subsidy from the Province of 50% of the cost involved.

As of July 1, 1969 all municipalities in the Province will be relieved of any responsibility for the provision or maintenance of ambulance services. At that date, the Province of Ontario, through the Ontario Hospital Services Commission will assume most of the cost of this service. Part of the ambulance operator's fee will be charged to the patient.

The Hospital Services Commission will also assume the responsibility of ensuring that all areas have adequate ambulance service.

### Public Welfare

The provision of welfare services involves a complex allocation of functions between federal, provincial and municipal levels of government. Much of the work carried out by municipal welfare departments involves the

administration of programs financed largely by the senior governments.

A welfare department exists in the City of Hamilton and the Town of Burlington. The County of Wentworth social services department has jurisdiction in all other municipalities.

In the Town of Burlington, the personnel director is also the welfare director and supervises a welfare staff of two field workers, one of whom holds a certificate in Social Welfare. At January 1st, 1967, this staff administered general welfare assistance for 241 persons including dependents.

The County of Wentworth Social Services department has three employees including the welfare administrator who again is also the personnel director. At the start of 1967, approximately 100 persons were receiving assistance.

The City of Hamilton employs a full-time welfare administrator with a staff of 54 employees providing general welfare assistance for 6,608 persons and an additional 1,085 pensioners in receipt of supplements to pensions.

Approved expenditures on general welfare assistance are subsidized at a rate of 80% by the Province. In order to be eligible for this grant, the municipality must supply a certain range of mandatory services including assistance towards food, shelter and heating costs, foster children's care, nursing home maintenance and supplements to pensions for persons in need. Requirements are set out in the regulations made under The General Welfare Assistance Act. A wide range of services may also be provided and are eligible for subsidies on a permissive basis.

The Provincial Department of Social and Family Services administers an independent provincial program in the study area from offices in the City of Hamilton.

The City of Hamilton operates a day nursery for pre-school aged children which is under the direction of the recreation department.

Child Welfare:

The study area is served by three Children's Aid Societies. The cost of aid to children born out-of-wedlock is entirely

assumed by the Province. Remaining costs are divided on the basis of 60% provincial and 40% from the municipality of residence.

#### Care of the Aged and Public Housing:

Table 4-10 provides details of the homes for the aged maintained under provincial legislation. In the City of Hamilton and the Township of Ancaster, senior citizen apartments are provided at reduced rents through limited dividend developments sponsored by the municipality in conjunction with various service groups.

The Ontario Housing Corporation provides housing both in the City of Hamilton and the Town of Burlington. Under current agreements with the senior levels of government, the municipalities are responsible for 7.5% of any deficit incurred by the operation of these units on a geared-to-income rental basis. Prior to 1964, public housing units constructed in the City of Hamilton were rented on a full recovery of costs basis. Under these original agreements, the Hamilton Housing Authority was created to operate and administer the units. The Authority is composed of six members who are appointed by the senior partners, the Ontario Housing Corporation and the Central Mortgage and Housing Corporation.

The Ontario Housing Corporation is presently negotiating with the city to convert all units to the geared-to-income rental basis.

#### Municipal Parks and Recreation

Table 4-11 provides details of the recreational facilities available in the study area. In the City of Hamilton, the largest park, King's Forest (815.9 acres) is not fully developed. Chedoke Park, the next largest (240.3 acres) is fully developed with two full-sized 18-hole golf courses and complete facilities for winter recreation activities (ski-slopes, toboggan slides and lifts). The Hamilton Civic Stadium provides facilities for spectator sport activities. Sixty school gymnasias, some of which have pools are also employed by the recreation department through an agreement with the Board of Education. The 56 park sites are operated and maintained by the Board of



Park Management, but recreational aspects are programmed by the Recreation Committee of Council.

In the Town of Burlington, the administration of parks and recreation is centralized under the Recreation Department. Of the total acreage in the Town of Burlington that is designated as parks, 27 acres remain undeveloped. The major parks operated by the town are Hidden Valley (52 acres) and Lowville (65 acres).

The Dundas Driving Park (23 acres) is the largest completely developed facility in the Town of Dundas.

Although admission and rental charges are made for many of the recreational facilities, no attempt is made by any municipality to limit access to residents only.

The figures in Table 4-11 do not include privately operated facilities or those administered by independent authorities appointed by more than one municipality. In the area, Conservation Authorities provide many acres of natural parkland and several projects are underway to create artificial lakes and recreation areas by constructing dams. The Royal Botanical Gardens is a facility in the area that provides floral displays, many miles of nature trails, and short courses in nature subjects.

#### Libraries:

Table 4-12 provides information on library services in the study area. The local municipalities listed on the table provide normal library services.

The Wentworth County Library rents space at the County Court House and operates eight rented branches. In addition, 13 deposit stations are housed in private homes, stores, township buildings and one is located in a home for the aged. No fees are charged for borrowing privileges.

The Department of Education makes grants to libraries based upon the qualifications of staff members and in part as well upon certain approved costs. The amount receivable for approved expenditures declines as equalized taxable assessment per capita increases.

The Counties of Brant, Wentworth and Halton participate in the South Central Library system with offices in the City of Hamilton. The Hamilton Public Library has been designated the resource centre of this System. It forwards requests to other libraries and handles inter-library loan transactions.

TABLE 4 - 1

NET EXPENDITURE - PERCENTAGE DISTRIBUTION - 1966

TABLE 4 - 1

NET EXPENDITURE - PERCENTAGE DISTRIBUTION - 1966

Municipality	General Government %	Protection to Persons & Property %	Public Works, Sanitation & Waste Removal				Health %	Welfare %	Recreation & Community Service %	Sundry %	Police Village & County Rates %	Total %
			Public Works %	Sanitation %	Sanitation %	Total %						
City: Hamilton	11.3	30.3	16.6	15.6		32.2	9.0	4.5	9.0	3.7	--	100.0
Towns:												
Dundas	12.5	28.1	13.6	16.4		30.0	-(0.1)	--	7.0	1.6	20.9	100.0
Stoney Creek	19.2	18.3	7.6	9.5		17.1	--	--	17.3	1.9	26.2	100.0
Total - Towns	14.3	25.4	11.9	14.6		26.5	-(0.1)	--	9.8	1.7	22.4	100.0
Village: Waterdown	24.0	21.5	2.9	22.8		25.7	--	--	2.7	3.2	22.9	100.0
Townships:												
Ancaster	23.9	17.1	9.8	1.0		10.8	--	0.5	15.3	2.1	30.3	100.0
Beverly	16.9	1.2	29.9	0.7		30.6	--	--	4.4	2.1	44.8	100.0
Binbrook	29.2	5.9	24.0	0.4		24.4	--	--	3.6	4.1	32.8	100.0
East Flamborough	19.5	9.1	22.5	-(0.1)		22.4	--	--	3.4	2.0	43.6	100.0
West Flamborough	18.1	11.2	19.4	0.7		20.1	--	0.1	4.1	0.1	46.3	100.0
Glanford	18.0	7.1	30.0	0.4		30.4	--	--	--	1.3	43.2	100.0
Saltfleet	34.1	14.5	11.0	2.6		13.6	-(0.1)	--	8.4	3.1	26.4	100.0



Total - Townships	26.2	12.8	15.4	1.4	16.8	--	0.1	8.6	2.3	33.2	100.0
Total - Towns, Village & Townships	22.0	17.5	13.7	6.7	20.4	--	0.1	8.8	2.1	29.1	100.0
County: Wentworth	7.9	21.8	20.3	--	20.3	22.2	18.1	6.6	3.1	--	100.0
Sub-Total (Adjusted)	12.9	29.5	17.0	14.5	31.5	8.7	4.6	9.2	3.6	--	100.0
Town: Burlington	11.3	22.3	17.3	18.8	36.1	4.8	0.9	10.8	0.3	13.5	100.0
Total - Study Area (Adjusted)	12.6	28.6	17.1	15.0	32.1	8.2	4.2	9.4	3.2	1.7	100.0
Town: Grimsby	15.1	21.5	7.4	7.0	14.4	0.5	2.6	8.1	9.3	28.5	100.0
Township: North Grimsby	14.9	17.2	17.1	1.1	18.2	1.7	1.3	7.4	1.7	37.6	100.0

Prepared by: Municipal Research Branch,  
Ontario Department of Municipal Affairs.

TABLE 4 - 2

ASSESSMENT PERSONNEL

	<u>Hamilton</u>	<u>Burlington</u>	<u>Wentworth</u>
Supervisory	9	3	1
Graduates of special municipal courses	25 <u>1</u> /	8	11
Clerical	15	1	3
TOTAL	49	12	15
Part-time	--	--	3
Included above are:			
Licensed Assessors			
Regular	11	6	9
Temporary	6	--	2
Probation	4	6	1
TOTAL	21	12	12

1/ Includes clerical personnel, not licensed as assessors, but who are participating in the regular training program for assessors.

Source: The municipalities and  
Ontario Department of Municipal Affairs,  
Assessment Branch.

Prepared by: Municipal Research Branch,  
Ontario Department of  
Municipal Affairs.

TABLE 4 - 3

PLANNING FUNCTIONS 1967

<u>Municipality</u>	<u>Official Plan</u>	<u>Zoning By-law</u>	<u>Subdivision Control By-law</u>
Hamilton	Yes	Yes	Yes <u>1</u> /
Dundas	Yes <u>2</u> /	Yes	Yes
Stoney Creek	Yes	Yes	Yes
Waterdown	Yes	Yes	Yes
Ancaster	Yes <u>2</u> /	Yes	Yes
Beverly	Yes	Yes <u>3</u> /	Yes
Binbrook	Yes	Yes	Yes
East Flamborough	Yes	Yes	Yes
West Flamborough	Yes <u>2</u> /	Yes	Yes
Glanford	Yes	Yes	Yes
Saltfleet	Yes <u>2</u> /	Yes	Yes
Burlington	Yes <u>2</u> /	Yes <u>2</u> /	Yes

1/ Covers only that part of the city east of Red Hill Creek and south of Fennell Avenue.

2/ Now being up-dated.

3/ Zoned agricultural in entirety. Land use zones are not established in accordance with a zoning map.

Source: The municipalities.

Prepared by: Municipal Research Branch,  
Ontario Department of  
Municipal Affairs.

TABLE 4 - 4

POLICE PROTECTION - OFFICERS AND EQUIPMENT

<u>Municipality</u>	<u>Personnel</u>	<u>Number with Training <u>1/</u></u>	<u>Police Per 1000 Population</u>	<u>Vehicles</u>	
				<u>Total</u>	<u>Radio Equipped</u>
Hamilton	424 <u>2/</u>	196 <u>3/</u>	1.4	96	81
Dundas	18	15	1.1	4	4
Stoney Creek	6	6	.7	2	2
Waterdown	--	--	--	--	--
Ancaster	10	10	.6	2	2
Beverly	--	--	--	--	--
Binbrook	--	--	--	--	--
East Flamborough	--	--	--	--	--
West Flamborough	--	--	--	--	--
Glanford	--	--	--	--	--
Saltfleet	15	15	.8	4	4
Burlington	60 <u>2/</u>	32	.8	16	16

1/ Training means the completion of recognized police courses in the Ontario Police College at Aylmer, Ontario.

2/ Actual number of officers only. In addition, Hamilton employs 69 civilians, 73 school crossing guards, 140 auxiliary police and members of the Canadian Corps of Commissionnaires, (Parking Meter Enforcement).

3/ All recruits are required to attend a one-week training seminar conducted at the Hamilton Police Training Academy. The Hamilton Institute of Police Science assists in financing other police educational programs. In 1967, the Institute has assisted 87 officers to attend special courses and seminars in law enforcement outside of regular police training.

Source: The municipalities.

Prepared by: Municipal Research Branch,  
Ontario Department of Municipal Affairs.



TABLE 4 - 5

FIRE PROTECTION PERSONNEL  
AND RELATED DATA

<u>Municipality</u>	<u>Firemen</u>		<u>Stations</u>	<u>Maximum Distance to fire site (miles)</u>
	<u>Full-time</u>	<u>Volunteer</u>		
Hamilton <u>1/</u>	411 <u>10/</u>	--	12	4
Dundas	5	22	1	3.5
Stoney Creek	--	27 <u>2/</u>	1	.5
Waterdown <u>3/</u>	--	20	1	N. A.
Ancaster <u>4/</u>	1	22	1	11
Beverly <u>5/</u>	--	33	2	8
Binbrook	--	17	1	7
East Flamborough <u>3/</u>	--	25 <u>6/</u>	1 <u>6/</u>	5 <u>6/</u>
West Flamborough <u>3/</u>	--	26 <u>7/</u>	1 <u>7/</u>	5 <u>7/</u>
Glanford	--	21	1	5
Saltfleet	--	70 <u>8/</u>	3	7
Burlington <u>9/</u>	32 <u>10/</u>	80	3	6

1/ The Hamilton fire chief directs the mutual aid system. He is the district deputy fire marshall and fire co-ordinator for the City of Hamilton and the County of Wentworth.

2/ The fire department is operated jointly by Stoney Creek and Saltfleet townships. These figures are also included in Saltfleet.

3/ Participation by agreement in the joint fire area of Waterdown, West Flamborough and East Flamborough. See text for additional details.

4/ Has agreement with Beverly to purchase some fire protection service from the Lynden station.

5/ Agreements with Ancaster and joint fire area board (Freelton station).

6/ The station is located at Freelton in West Flamborough but by agreement the station is rented by East Flamborough.

7/ Figures are for the Greensville station only.

8/ Includes 27 firemen and building listed also under Stoney Creek.

9/ Has agreement with Milton; Wentworth and Halton for mutual aid.

10/ Includes 19 fire prevention officers in Hamilton and 2 in Burlington.

Source: The municipalities.

Prepared by: Municipal Research Branch,  
Ontario Department of  
Municipal Affairs.



TABLE 4 - 6  
WATER SUPPLY - 1967

<u>Municipality</u>	<u>Population Served</u>	<u>Source</u>	<u>Treatment</u>	<u>Capacity MGD</u>	<u>Average Consumption MGD</u>	<u>Remarks</u>
City: Hamilton	283,345	Lake Ontario	Complete Treatment -Coagulation -Sedimentation -Filtration -Pre & Post Chlorination Sulphur Dioxide Ammonia	80.000	62.636	Fluoridation of water has been approved. City of Hamilton also serves the following municipalities with water: Towns of - Dundas and Stoney Creek and parts of the Townships of Ancaster, Saltfleet and Glanford.
Towns: Dundas Stoney Creek	15,178 7,397	City of Hamilton City of Hamilton	-- --	-- --	1.023 0.555	
Village: Waterdown	1,998	Wells 5 active	Chlorination at Green Well	0.669	.075	Green Well & Standpipe Well are used as stand-bys. Chlorination is provided at Green Well. With future development increased capacity will be required.

TABLE 4 - 6

WATER SUPPLY - 1967

<u>Municipality</u>	<u>Population Served</u>	<u>Source</u>	<u>Treatment</u>	<u>Capacity MGD</u>	<u>Average Consumption MGD</u>	<u>Remarks</u>
Townships: Ancaster	10,000	Wells - 1 Artesian-main Supply. 7 Supplemen- tary wells.	Nil	1.368	0.350	Water area #17 - some 20 properties are serviced with water from Hamilton.
Beverly	No	Municipal Water Services Available				
Binbrook	"	"	"			
East Flamborough	"	"	"			About 50 residential properties are serviced with water from Waterdown.
West Flamborough	"	"	"			
Private Water Works	One Private	Communal Water Works at Cedar Knolls,	21 Residences.			
Glanford	No	Municipal or Communal Water Services Available				No municipal system. Hamilton Municipal Airport at Mount Hope and one public school are ser- viced with water from Hamilton.
Saltfleet	14,000	City of Hamilton & Town of Grimsby	--	--	0.572	Approximately 78% of the Town- ship population are serviced.
Saltfleet Private Morris Water Works	250	Infiltration wells from Lake Ontario	Chlorination	0.200	not metered	Adequate for present use.



Saltfleet Private McCollum Water Works	65	Infiltration wells from Lake Ontario	Chlorination	0.058	not metered	Adequate for present use.
Town: Burlington	65,800	Lake Ontario	Complete Treatment -Screening -Coagulation -Sedimentation -Filtration -Pre & Post Chlorination -Fluoridation	10.500	5.230	Supply treatment and operation of plant is satisfactory.

MGD - Million Gallons Daily

Source: Information and remarks from the  
Ontario Water Resources Commission.

Prepared by: Municipal Research Branch,  
Ontario Department of Municipal Affairs.

TABLE 4 - 7

SEWAGE WORKS - 1967

<u>Municipality</u>	<u>Population Served</u>	<u>Treatment</u>	<u>Receiving Stream</u>	<u>Capacity MGD</u>	<u>Average Flow MGD</u>	<u>Remarks</u>
City: Hamilton	283,345	Primary Plant	Hamilton Bay	60.000	36.400	The city has indicated that construction of secondary sewage treatment facilities would be commenced in 1969.
Towns: Dundas	15,178	Secondary Treatment	Dejardins Canal to Hamilton Bay	1.250	1.244	Presently a study is being carried out for extension of the facilities.
Stoney Creek	7,397	All sanitary waste originating in Stoney Creek are treated by City of Hamilton facilities.			Estimated 1.200	Connection made in July 1967.
Village: Waterdown	1,199	Secondary Treatment	Grindstone Creek	0.300	0.080	Adequate for present requirements.
Townships: Ancaster	No	Municipal or Communal Sewage Works				Subdivisions scattered throughout the north portion of the Township. New subdivision development should be restricted until municipality takes steps to provide sewage treatment facilities.
Beverly	"	"	"	"	"	
Binbrook	"	"	"	"	"	

East Flamborough	No Municipal or Communal Sewage Works.				
West Flamborough	" " "	" "	" "	" "	
Glanford	" " "	" "	" "	" "	
Saltfleet	6,000	(a) City of Hamilton Treatment works.			(a) Adequate.
	Estimated	(b) Plateau Park Subdivision - 65 properties private sewage lagoon - seasonal discharge.			(b) Will connect to municipal sewers when available.
		(c) Gardendale Subdivision private sewage lagoon - seasonal discharge.			(c) Will connect to municipal sewers when available.
Town:					
Burlington	50,000	(a) OWRC - Lake Ontario	.750	1.050	
	Estimated	Elizabeth Gardens			
		Secondary - activated sludge.			
		(b) OWRC - Lake Ontario	2.500	1.630	
		Drury Lane.			
		Secondary - activated sludge.			
		(c) OWRC - Hamilton Harbour	3.130	3.890	To be expanded to a capacity of 6 MGD
		Skyway -			
		Secondary - extended aeration.			
		(d) Town Aldershot.	.130	.080	To be converted to pumping station in 1969 and Skyway plant will receive overflow.
		Primary - settling tanks.		Estimated	
		TOTAL	6.500	6.650	Discrepancy between the water consumption and the sewage flows is attributed to an infiltration problem.

TABLE 4 - 8

MUNICIPAL ROAD MILEAGE BY JURISDICTION & SURFACE TYPE  
(November 1967)

<u>Municipality</u>	<u>Legally Open</u>	<u>Earth Graded and Drained</u>	<u>Gravel or Stone</u>	<u>Light Bituminous Surface</u>	<u>Asphalt Concrete</u>	<u>Cement Concrete</u>	<u>Total</u>
City: Hamilton	--	--	17.14	109.50	368.00	1.60	496.24
Towns:							
Dundas	5.97	0.15	0.81	26.53	10.35	--	43.81
Stoney Creek	--	--	0.30	10.75	1.67	--	12.72
Townships:							
Ancaster	3.10	6.20	74.27	24.15	--	--	107.72
Beverly	6.00	--	131.00	1.50	--	--	138.50
Binbrook	--	5.60	46.40	--	--	--	52.00
East Flamborough	2.50	--	18.50	29.50	--	--	50.50
West Flamborough	5.70	--	47.40	9.80	--	--	62.90
Glanford	0.70	2.25	41.75	8.00	--	--	52.70
Saltfleet	16.70	4.13	70.80	7.10	4.39	--	103.12
Suburban	--	--	--	156.51	4.25	--	160.76
County:							
Wentworth	--	--	2.20	2.61	--	--	4.81



Town:									
Burlington	26.20	--	80.50	89.60	70.40	8.00	274.70		
Total - Study Area	66.87	18.33	531.07	475.55	459.06	9.60	1,560.48		
Town:	--	--	3.54	11.88	4.03	0.21	19.66		
Grimsby									
Township:	11.80	7.20	43.50	9.00	--	--	71.50		
North Grimsby									

Source: Municipal Roads Branch,  
Ontario Department of Highways.

Prepared by: Municipal Research Branch,  
Ontario Department of Municipal Affairs.

TABLE 4 - 9

HOSPITAL SERVICES

	<u>Hamilton</u>	<u>Burlington</u>	<u>Grimsby</u>
Number of Hospitals	8	1	1
Present Beds Available			
Active	2, 198	228	58
Chronic	402	--	--
Convalescent	207	--	--
Estimated Beds Needed by 1972			
Active	2, 174	408	121
Chronic	407	62	34
Convalescent	183	--	--
Beds Available 1972			
Active	2, 609	411	126
Chronic	409	52	--
Convalescent	207	--	--
1972 Beds Anticipated Surplus + Deficit -			
Active	+435	+3	+5
Chronic	+ 2	-10	-34
Convalescent	+ 24	--	--

Source: Statistical Research Division,  
Ontario Hospital Services Commission.

Prepared by: Municipal Research Branch,  
Ontario Department of  
Municipal Affairs.

TABLE 4 - 10

HOMES FOR THE AGED <sup>1/</sup>

<u>N a m e</u>	<u>S p o n s o r</u>	<u>Approximate Number of Beds</u>
House of Providence (Dundas)	Sisters of St. Joseph	122
Idlewyld Aged Womens Home (Hamilton)	<u>2/</u>	93
Edgewood Hall (Hamilton)	Canadian National Institute for the Blind	59
Macassa Lodge (Hamilton)	City of Hamilton (Hamilton Housing Company)	358
Wentworth Lodge (Dundas)	County of Wentworth	157
Halton County Home - Linhaven (Milton)	Halton County	368

1/ Maintained under The Homes for the Aged Act and The Charitable Institutions Act.

2/ Corporation of 25 members - under the Aged Womens Home Board.

Source: Homes for the Aged Branch,  
Department of Social and Family Services,  
Province of Ontario.

Prepared by: Municipal Research Branch,  
Ontario Department of  
Municipal Affairs.

MUNICIPAL PARK AND RECREATIONAL FACILITIES  
STUDY AREA 1967

<u>Municipality</u>	<u>Parks</u>	<u>Total Acres</u>	<u>Pools</u>	<u>Rinks</u>	<u>Recreation Director</u>	<u>Recreation and Parks Employees</u>	
						<u>Full-time</u>	<u>Part-time</u>
Hamilton	56	1,936	15 <u>2/</u>	55 <u>1/</u>	Yes	191	260
Dundas	6	77.08	1	1	Yes	6	44
Stoney Creek	6	54.75	1	1	Yes	5	8
Waterdown	2	17	--	3	--	--	n. a.
Ancaster	12	118.56	1	8 <u>5/</u>	Yes	8	80
Beverly	<u>3/</u>						
Binbrook	2	18.9	--	--	No	--	n. a.
Flamborough East	3	22	--	--	--	--	n. a.
Flamborough West	5	32	--	--	--	--	n. a.
Glanford	1	7.25	--	--	--	1	1
Saltfleet	6	46.49	--	14	Yes	3	60
Burlington	35	334.7	3	19 <u>4/</u>	Yes	39	n. a.

1/ 6 artificial, 2 of which are enclosed.

2/ 7 indoor pools included

3/ 2 community centres with ball parks and Rockton Agricultural Society fair grounds.

4/ 4 artificial, 2 of which are enclosed.

5/ 2 artificial, 1 of which is enclosed.

Source: The Municipalities.

Prepared by: Municipal Research Branch,  
Ontario Department of Municipal Affairs.



TABLE 4 - 12

LIBRARY SERVICE - RELATED DATA

<u>Municipality</u>	<u>Branches</u>	<u>Staff</u>	<u>Number of Books</u>	<u>Adult Fees</u>		<u>Members</u>	
				<u>Resident</u>	<u>Non-Resident</u>	<u>Resident</u>	<u>Non-Resident</u>
Hamilton	7 <u>1/</u>	127 <u>2/</u>	500,000	.25¢	\$5.00	93,000	400
Dundas	1	2 <u>3/</u>	28,914	.25¢	1.00 <u>4/</u>	7,447	988
Stoney Creek	1	4	12,000	free	2.50	1,500	15
Burlington	3	19 <u>5/</u>	50,000	free	1.00	39,000	100
Wentworth County Library <u>6/</u>	9 <u>7/</u>	7	71,079	free	--	5,425	--

1/ Also 2 Bookmobiles. Two new branches proposed for 1968.

2/ Not included 108 part-time staff.

3/ Not included 13 part-time staff.

4/ Increased to more than \$1.00 January 1, 1968.

5/ Does not include 25 part-time employees.

6/ Provides services to the Townships of Ancaster, Beverly, Binbrook, East Flamborough, West Flamborough, Saltfleet, and the Village of Waterdown. See text for additional details.

7/ In addition, there are 13 deposit stations in various quarters.

Source: The municipalities.

Prepared by: Municipal Research Branch,  
Ontario Department of Municipal Affairs.



EDUCATION

This Chapter surveys the present system of educational authorities in the study area and will then attempt a preliminary assessment of the impact of the announced reorganization upon the structure of local government therein.

In 1967 the study area contained ten public elementary school boards and two boards of education. Table 5-1 shows the present composition of these boards; with the exception of Waterdown Union School Section #3 that was combined with the East Flamborough Township School Area Board as of January 1st, 1968. This new board is known as the East Flamborough and Waterdown Township School Area Board. The board is composed of 7 trustees elected for a term of one year.

Public elementary school boards are composed of members elected by general vote of the public school board supporters in the area of jurisdiction of the board. This area need not conform to municipal jurisdictions.

A board of education is composed of members who are either elected or appointed. Two members of the Hamilton Board of Education are appointed by the Separate school board. A board of education is responsible for both public, elementary and secondary education within its municipality.

In Burlington, one member of the Board of Education is appointed by the Separate school board and one by the County of Halton.

Separate school boards are not yet affected by recent reorganizations of school jurisdictions. The composition of the eight such boards in the study area is given in Table 5-2. Each board is composed of members elected by the Separate school supporters in the area of jurisdiction. These boards tend to have jurisdiction in areas that are little related to established municipalities in rural areas.

In 1967, 163 public elementary schools and 50 Roman Catholic Separate elementary schools were operated by the twenty elementary school boards in the study area.

In Hamilton, one Separate school is bilingual.

Tables 5-3 and 5-4 provide financial statistics and other related data for each of the elementary school boards in the study area. It should be observed that the figures presented are for the 1966 fiscal year. Gross cost per pupil at the elementary level ranged from the low of \$273.92, for the Dundas Separate School Board, to a high of \$425.68, for Saltfleet Township Public School Area Board, a difference of \$151.76.

The elementary board with the highest number of pupils in 1966 was the Hamilton Board of Education with 34,114, the lowest was Waterdown Separate School Board, with 146 pupils (see Table 5-3).

A list of educational facilities available in area elementary schools is presented in Table 5-5. The kindergarten classes provided by the Hamilton Board of Education include some junior kindergarten classes for children under the age of five. Although no senior opportunity classes are shown to exist in Hamilton, in fact, this service is provided in vocational classes at the secondary schools.

### Secondary Schools

In 1967 there were eight secondary school boards in the area, but only seven of these actually operated schools.

The Glanford District High School Board purchased its education service from other boards in the area. In 1966, this board sent 360 pupils to schools of the following three boards; Hamilton Board of Education, 268, Ancaster Township High School Board, 4, West Haldimand High School Board, 88.

The services received are paid for on a fee basis at a gross cost (before provincial grants) of approximately \$707.00 per pupil. In addition the school board incurs transportation costs that it pays directly of about \$80.00 per pupil.

The average cost per pupil and related data in 1966 for each secondary school board is shown in Table 5-6 and 5-7. Reference should



also be made to Tables 5-10 and 5-11 for further information.

The Dundas District High School Board experienced the highest per pupil expenditure of \$915.58, and the East Flamborough and Waterdown High School Board incurred the least cost per pupil of \$722.20.

On a per pupil basis, the maximum difference in expenditure by the various boards is \$193.38.

Table 5-8 shows the composition of secondary school boards prior to 1969. At the present time, these boards are appointed as <sup>shown</sup>~~shows~~ in the table with the exception that boards of education in the Town of Burlington and the City of Hamilton are largely elected by the ward system.

The special classes and services available in secondary schools are shown in Table 5-9.

Table 5-12 sets out total expenditures made and provincial grants received by all municipalities in the study area and also the Town of Grimsby and the Township of North Grimsby.

#### Total Education Finance

A summary of the 1966 expenditures on education by the municipalities in the study area is disclosed in Tables <sup>5-10, 5-11</sup>~~5-9, 5-10~~ and <sup>5-12.</sup>~~5-11~~. This shows the distribution of the 1966 expenditures, summarized by the municipalities, those in the County of Wentworth being consolidated since there will be one board of education for the county commencing January 1st, 1969.

#### Student Population

In Chapter 2, Table 2-4, Population by Special Age Group, indicates the significance of the change in school age population over a period of twenty years.

The Government of Ontario has recently introduced in the legislature a bill to effect the complete reorganization of public and secondary school jurisdictions in the province.

According to this bill, after January 1st, 1969, and subject to

certain provisions for the orderly transition to the new system, a single elected board of education will be responsible for education in each school division in Southern Ontario. The boundaries of the new school jurisdictions will coincide with those of the existing counties, except for four "defined cities" one of which is the City of Hamilton.

There will be three divisions having jurisdiction in parts of the study area: The Board of Education for the City of Hamilton, The Board of Education for the County of Wentworth and the Board of Education for the County of Halton (including Burlington).

It is proposed that the Board of Education for each county school division consist of fourteen to twenty elected members based on the total population within the division, as indicated in the following table:-

<u>Population of Division</u>	<u>No. of Elected Trustees</u>
Under 50,000	14
50,000 - 99,999	16
100,000 - 149,999	18
150,000 or more	20

The board of Education for the County of Wentworth, which had a 1966 assessed population of 82,908, is expected to have sixteen school trustees.

The members of the board of education in Hamilton who are elected by the public school supporters will continue to be elected in the same manner and in the same number as at present.

Because the boards in the new school divisions will administer secondary education as well as public elementary education, Separate school supporters, since they contribute to secondary schools through the property tax, will be represented by elected members on the boards. In the county divisions, as well as in Hamilton, the number of members elected by Separate school supporters is to be determined by the proportion of total residential and farm assessment in each division that is designated for the support of separate schools. Because more than one municipality may be involved in each of the new divisions, the total of farm and residential assessment in each municipality is adjusted by the application of an equalization factor as

determined by the Ontario Department of Municipal Affairs. In the county divisions, no less than six trustees are to be elected by public school supporters. In the City of Hamilton no fewer than two members must be elected by Separate school supporters.

Table 5-13 estimates the financial impact of the proposed school reorganization in Wentworth County. For this estimate, costs and assessment figures were taken for the year 1966. Since 1966, the calculation of provincial grants to school boards and boards of education has been altered and grants on the average have increased by approximately 22%. The table is intended to show an expected distribution of costs only, and the calculated amounts do not specifically indicate the level of expenditures in 1969. The figures presented in this table suggest that ratepayers in some municipalities will be required to make increased contributions towards the support of education.

Although each school division will continue to requisition the amount of the estimates for public school purposes and for secondary school purposes required to be raised in the municipality, three important differences will be introduced. As Mentioned in Table 5-13, the total amount required by the county school division will be apportioned among the municipalities on the basis of equalized taxable assessment.

Secondly, the municipalities will issue the tax notice as a separate bill or it must clearly indicate the taxes imposed for school purposes.

Thirdly, the new school divisions will have the power to issue debentures to finance the construction of capital projects, a function currently undertaken by the municipal council.

#### Provincial Assistance to Education

An attempt to estimate the percentage of education costs supported by the Province is presented in Table 5-12. This table has been prepared on a municipal basis rather than by school board.

There have been numerous changes in the level and operation of provincial contributions to different school boards during the past 20 years. In 1964 the Province of Ontario initiated a new structure of school grants. The new scheme attempts to apply a formula that allocates provincial grants for operating costs to the financial conditions of individual school boards.

For operating costs which are officially termed ordinary expenditures the scheme offers a Basic Tax Relief Grant (B.T.R.G.) as well as an equalization grant which is an attempt to reflect basic operating costs of school boards.

Between 1964 and 1968, the B.T.R.G. has advanced from \$80 to \$105 for elementary pupils, from \$175 to \$200 for non-vocational pupils and from \$250 to \$280 for vocational pupils. These are the minimum amounts payable.

The basic level for the equalization grants between 1964 and 1968 has advanced from \$210 to \$280 for elementary pupils, from \$410 to \$465 for non-vocational pupils and from \$550 to \$680 for vocational pupils.

In addition the scheme also takes account of capital expenditures and certain current expenditures affected by capital undertakings. Grants for these purposes have been under constant change and refinement since the inception of the scheme.

The reader wishing to become more informed in depth of developments in this topic is referred to the Ontario Committee on Taxation Report<sup>1</sup> and the regulations issued by the Department of Education from time to time.

It is anticipated that the reorganization of school jurisdictions will entail a revision of the grant formula. Larger units of administration will automatically reduce the disparity in fiscal capacity previously existing between school boards. Details of any new grant formula are not available to this Commission at the present time.

For an indication of the amount of debenture debt issued for education capital purposes, refer to Tables 6-15 to 6-18 of Chapter 6.

<sup>1</sup> Ontario Committee on Taxation, Report. Queen's Printer (Toronto, 1967), v. II pp. 387 - 392.



TABLE 5 - 1

PUBLIC ELEMENTARY SCHOOL BOARDS INCLUDING  
BOARDS OF EDUCATION, 1967

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<u>B o a r d</u>	<u>Number of Trustees</u>	<u>Term</u>	<u>Appointed</u>	<u>Secretary</u> <sup>3/</sup>
(a) <u>For a single municipality</u>				
Hamilton Board of Education*	18	2 yrs.	2	Full
Stoney Creek Public School Board	5	2 yrs.		Part
Binbrook Township Public School Area	5	2 yrs.		Part
East Flamborough Township School Area <u>1/</u>	--	--		--
Glanford Township Public School Area	5	2 yrs.		Full
Saltfleet Township Public School Area	5	2 yrs.		Full
Burlington Board of Education*	10	2 yrs.	2	Full
Grimsby Public School Board <sup>2/</sup>	6	2 yrs.		Part
(b) <u>Joint Boards</u>				
Dundas Township School Area Board	5	2 yrs.		Full
Waterdown Union School Section #3 (East Flamborough) <u>1/</u>	7	2 yrs.		Full
Ancaster Township School Area	5	2 yrs.		Full
Beverly Township Public School Area	5	2 yrs.		Full
West Flamborough Township Public School Area	5	2 yrs.		Full
North Grimsby Township Public School Area Board <u>2/</u>	5	2 yrs.		Full

1/ East Flamborough Township School Area combined with  
Waterdown Union School Section #3 January 1, 1968.

2/ Boards located outside the study area.

3/ In some cases, the Secretary-Treasurer may be known as  
Business Administrator.

\* Boards of Education administer both elementary and secondary  
programs.

Source: Ontario Department of Education.

Prepared by: Municipal Research Branch,  
Ontario Department of  
Municipal Affairs.

TABLE 5 - 2

ROMAN CATHOLIC SEPARATE SCHOOL BOARDS - 1967

<u>Separate School Board</u>	<u>Number of Trustees</u>	<u>Term</u>	<u>Secretary</u>	<u>Area Served</u> <sup>1/</sup>
Hamilton	16	2 yrs.	Full-time	Hamilton
Dundas	8	2 yrs.	Part-time	Dundas, Part of: West Flamborough, Ancaster
Waterdown	6	2 yrs.(s)	Part-time	Waterdown, Part of: East & West Flamborough
Ancaster #1 & #15	5	2 yrs.(s)	Part-time	Part of: Ancaster, Beverly
Saltfleet #1	3	3 yrs.(s)	Part-time	Part of: Saltfleet, North Grimsby
Saltfleet #3	3	3 yrs.(s)	Full-time	Stoney Creek, Part of Saltfleet
Saltfleet, Glanford & Binbrook Combined Roman Catholic Separate School	5	3 yrs.(s)	Part-time	Part of Saltfleet, Glanford, Binbrook, Caistor
Burlington	16	2 yrs.	Full-time	Burlington
Grimsby Combined Roman Catholic Separate School	6	2 yrs.(s)	Part-time	Grimsby, Part of: North Grimsby , South Grimsby

(s) staggered.

1/ Council levies taxes for board indicated in all or part of municipality.

Source: Ontario Department of Education.

Prepared by: Municipal Research Branch,  
Ontario Department of Municipal Affairs.

TABLE 5 - 3

ELEMENTARY SCHOOLS IN THE AREA  
PER PUPIL COST AND RELATED DATA - 1966

TABLE 5 - 3

ELEMENTARY SCHOOLS IN THE AREA  
PER PUPIL COST AND RELATED DATA - 1966

Name of Board	<u>1/</u> Teachers	<u>Pupils</u>	Teacher Pupil Ratio	Gross Cost		Provincial Grants	Grant Percentage of Gross Cost
				Per Pupil	Gross Cost		
				\$	\$	\$	%
Elementary							
Hamilton Board of Education	1,309	34,114	1:26	411.33	14,032,097	4,027,201	28.7
Dundas Township School Area Board	78	2,393	1:31	330.51	790,907	338,495	42.8
Stoney Creek Public School Board	37	965	1:26	311.99	301,075	132,523	44.0
Waterdown Union School Section #3 (East Flamborough)	25	682	1:27	416.83	284,275	124,403	43.8
Ancaster Township School Area	103	2,763	1:27	387.00	1,069,274	570,224	53.3
Beverly Township Public School Area	33	1,007	1:31	318.87	321,101	200,055	62.3
Binbrook Township Public School Area	19	586	1:31	353.35	207,061	130,570	63.1
East Flamborough Township School Area	21	589	1:28	354.27	208,666	133,805	64.1
West Flamborough Township Public School Area	51	1,456	1:29	306.29	445,961	247,725	55.5
Glanford Township Public School Area	44	1,138	1:26	350.20	398,528	268,474	67.4
Saltfleet Township Public School Area	130	3,215	1:25	425.68	1,368,571	697,620	51.0
Burlington Board of Education	457	11,411	1:25	379.03	4,325,166	1,671,580	38.6
Grimsby Public School Board	47	1,097	1:23	310.49	340,613	174,100	51.1
North Grimsby Township Public School Area Board	45	1,240	1:28	348.90	432,642	273,999	63.3



Separate

Hamilton Separate School Board	560	17, 445	1:31	305. 27	5, 325, 476	3, 800, 730	71. 4
Dundas Separate School Board	21	634	1:30	273. 92	173, 667	123, 120	70. 9
Waterdown Separate School Board	5	146	1:29	303. 49	44, 310	25, 660	57. 9
Ancaster Township R. C. S. S. #1 & #15	16	493	1:31	373. 01	183, 892	111, 635	60. 7
Saltfleet R. C. S. S. #1	8	261	1:33	338. 01	88, 221	64, 223	72. 8
Saltfleet R. C. S. S. #3	30	782	1:26	378. 33	295, 854	190, 668	64. 4
Saltfleet, Glanford, Binbrook C. R. C. S. S.	10	320	1:32	325. 01	104, 003	77, 088	74. 1
Burlington R. C. S. S. Board	105	3, 044	1:29	306. 95	934, 359	623, 835	66. 8
Grimsby C. R. C. S. S.	16	472	1:30	294. 15	138, 838	107, 488	77. 4

1/ Part-time teachers not included.

R. C. S. S. - Roman Catholic Separate School  
C. R. C. S. S. Combined Roman Catholic Separate School

Source: Financial Statements of School Boards mentioned.

Prepared by: Municipal Research Branch,  
Ontario Department of Municipal Affairs.

TABLE 5 - 4

ELEMENTARY SCHOOLS IN THE AREA  
COMPONENT PER PUPIL COSTS - 1966

Name of Board	Gross Cost Per Pupil	Admini- stration		Instruct- ional		Instruct- ional Supplies and Equipment		Plant Operation and Maintenance		Transport- ation		Tuition Fees		Other Services		Capital		Debt	
		Cost Per Pupil	\$	Salaries Cost Per Pupil	\$	Cost Per Pupil	\$	Cost Per Pupil	\$	Cost Per Pupil	\$	Cost Per Pupil	\$	Cost Per Pupil	\$	Cost Per Pupil	\$	Cost Per Pupil	\$
Elementary																			
Hamilton Board of Education	411.33	19.37		251.72		14.27	58.15	--		--		0.04		3.63		19.07		45.08	
Dundas Township School Area Board	330.51	6.51		198.76		17.41	41.72	--		--		5.99		0.35		12.58		47.19	
Stoney Creek Public School Board	311.99	10.99		202.30		14.18	25.76			1.89		7.43		5.56		2.20		41.68	
Waterdown Union S.S. #3 (East Flamborough)	416.83	18.99		208.30		18.17	46.97			13.44		--		--		50.06		60.90	
Ancaster Township School Area	387.00	11.50		219.51		16.18	39.93			18.07		--		0.40		13.59		67.82	
Beverly Township Public School Area	318.87	14.94		165.82		24.23	37.36			35.73		--		1.39		7.06		32.34	
Binbrook Township Public School Area	353.35	12.87		179.13		14.61	33.56			36.18		--		2.17		20.97		53.86	
East Flamborough Township School Area	354.27	14.22		167.79		18.93	42.68			38.29		20.72		3.56		6.96		41.12	
West Flamborough Township Public School Area	306.29	11.28		167.81		15.24	36.46			24.68		0.55		1.12		3.47		45.68	

Glanford Township Public School Area	350.20	14.31	203.73	15.96	44.31	37.22	20.75	0.89	13.03	--
Saltfleet Township Public School Area	425.68	12.16	235.01	16.58	44.57	16.88	0.25	1.77	31.37	67.09
Burlington Board of Education	379.03	12.91	234.66	20.37	36.68	7.32	0.07	2.74	9.05	55.23
Grimsby Public School Board	310.49	6.79	207.77	24.61	28.99	--	1.76	0.34	2.27	37.96
North Grimsby Township Public School Area Board	348.90	10.95	192.37	16.37	31.51	6.79	0.92	2.97	14.51	72.51
<u>Separate</u>										
Hamilton Separate School Board	305.27	11.52	170.32	16.91	39.43	1.90	3.69	0.83	10.42	50.25
Dundas Separate School Board	273.92	6.21	144.99	11.24	37.63	6.56	--	--	5.69	61.60
Waterdown Separate School Board	303.49	13.06	120.73	17.05	63.81	24.45	--	0.36	8.25	55.78
Ancaster Township R. C. S. S. #1 & #15	373.01	8.34	179.08	24.62	52.30	13.79	16.31	12.24	6.21	60.12
Saltfleet R. C. S. S. #1	338.01	13.91	127.98	12.42	50.39	30.28	--	9.12	8.75	85.16
Saltfleet R. C. S. S. #3	378.33	16.04	163.79	21.49	41.80	20.78	--	0.69	9.35	104.39
Saltfleet, Glanford, Binbrook C. R. C. S. S.	325.01	10.37	139.06	16.52	32.41	--	71.06	2.14	5.17	48.28
Burlington R. C. S. S. Board	306.95	13.18	143.34	16.99	26.99	19.77	2.32	0.47	19.78	64.11
Grimsby C. R. C. S. S.	294.15	9.44	165.40	13.83	23.10	13.41	--	10.65	2.15	56.17
R. C. S. S. - Roman Catholic Separate School										
C. R. C. S. S. - Combined Roman Catholic Separate School										

Source: Financial Statements of School Boards mentioned.

Prepared by: Municipal Research Branch,  
Ontario Department of Municipal Affairs.

TABLE 5 - 5

EDUCATIONAL FACILITIES AVAILABLE IN PUBLIC  
ELEMENTARY SCHOOLS, HAMILTON AREA, 1967

Name of Board	Special Classes						Opportunity Classes				Other Services						
	Home Economics	Industrial Arts	Special English	Kindergarten	Gifted Children	Physically Handicapped	Primary	Intermediate	Junior	Senior	Ungraded	Supervisor of Special Education	Home Instruction	Teacher	Library	Municipal Inspectorate	Psychological and Health Services
Hamilton Board of Education	22	21	3	177	24	1 sight 1 hearing	--	12	11	--	25	2	6		46 5 part	Yes	Full 1/
Dundas Township School Area Board	1	1	--	5	--	--	--	--	--	--	2	--	--	--	1	No	--
Stoney Creek Public School Board	--	--	--	2	--	--	--	--	--	--	--	--	--	--	2	No	--
Waterdown Union School Section #3																	
(East Flamborough)	1	1	--	4	--	--	--	--	--	--	1	--	--	--	1	No	--
Ancaster Township School Area	--	--	--	8	2	--	--	--	--	--	3	--	--	--	1	Yes	--
Beverly Township Public School Area	--	--	--	--	--	--	--	--	--	--	1	--	--	--	--	No	--
Binbrook Township Public School Area	--	--	--	2	--	--	--	--	--	--	1	--	--	--	2	No	--
West Flamborough Township Public School Area	--	--	--	4	--	--	--	--	1	--	--	--	--	--	--	No	--
Glanford Township Public School Area	1	1	--	3	--	--	--	--	2	1	--	--	--	--	1	No	--



Saltfleet Township Public School Area	2	2	--	9	--	--	1	2	1	2	--	--	--	1 - e
Burlington Board of Education	7	7	--	32	--	1 hearing	7	--	8	5	3	--	22	Yes Part
Grimsby Public School Board	--	--	--	3	--	--	--	1	--	1	--	--	1	No --
North Grimsby Township Public School Area Board	--	--	--	3	--	--	1	1	1	--	1	--	--	No --
<u>SEPARATE SCHOOLS</u>														
Hamilton Separate School Board	--	--	7	62	--	--	--	--	9	6	--	1	--	Yes --
Dundas Separate School Board	--	--	--	4	--	--	--	--	--	--	--	--	--	No --
Waterdown Separate School Board	--	--	--	1	--	--	--	--	--	--	--	--	--	No --
Ancaster Township R. C. S. S. #1 & #15	--	--	--	2	--	--	--	--	--	--	--	--	--	No --
Saltfleet R. C. S. S. #1	--	--	--	1	--	--	--	--	--	--	--	--	1	No --
Saltfleet R. C. S. S. #3	--	--	--	4	--	--	--	--	--	--	--	--	1	No --
Saltfleet, Glanford, Binbrook C. R. C. S. S.	--	--	--	2	--	--	--	--	--	--	--	--	1	No --
Burlington R. C. S. S. Board	--	--	--	--	--	--	--	1	1	--	--	--	18	No --
Grimsby C. R. C. S. S.	--	--	--	1	--	--	--	--	--	--	--	--	--	No --

- 1/ a. Psychologist (Full-time)  
 b. Hospital Class  
 c. Orthopaedic Class  
 d. Psychiatrist (Part -time)

- e. Emotionally Disturbed Class  
 f. Neurologically Impaired Class  
 g. Health Class

Source: Ontario Department of Education

Prepared by: Municipal Research Branch,  
 Ontario Department of Municipal Affairs.

TABLE 5 - 6

SECONDARY SCHOOLS IN THE AREA PER PUPIL  
COST AND RELATED DATA - 1966

Name of Board	<u>1/</u> Teachers	<u>Pupils</u>	<u>Teacher - Pupil Ratio</u>	<u>Gross Cost Per Pupil</u> \$	<u>Gross Cost</u> \$		<u>Grant Per- centage of Gross Cost</u> %
					<u>Provincial Grants</u> \$	<u>Provincial Grants</u> \$	
Hamilton Board of Education Academic & Vocational	1,007	16,296	1:16	730.85	11,909,949	4,460,022	37.4
Dundas District High School Board	125	1,733	1:14	915.58	1,586,693	733,156	46.2
Ancaster Township High School Board	67	1,093	1:16	780.38	852,950	452,434	53.0
Township of East Flamborough & Waterdown District High School Board	32	521	1:16	722.20	376,267	192,826	51.2
Glanford District High School Board	<u>2/</u> 123	360		789.26	284,135	229,106	80.6
Saltfleet District High School Board		1,855	1:15	826.08	1,532,380	812,354	53.0
Burlington Board of Education Academic & Vocational	285	4,442	1:16	759.92	3,375,550	1,494,453	44.3
Grimsby & District High School Board	59	959	1:16	756.40	725,389	308,845	42.6

1/ Part-time teachers are not included.  
2/ Glanford - no schools.

Source: Financial Statements of School Boards mentioned  
& Ontario Department of Education.

Prepared by: Municipal Research Branch,  
Ontario Department of Municipal Affairs.

TABLE 5 - 7

SECONDARY SCHOOLS IN THE AREA  
COMPONENT PER PUPIL COSTS - 1966

Name of Board	Gross Cost Per Pupil \$	Admini- stration Cost Per Pupil \$	Instruct- ional Salaries Cost Per Pupil \$	Instruct- ional Supplies and Equipment Cost Per Pupil \$	Plant Operation and Maintenance Cost Per Pupil \$	Transporta- tion Cost Per Pupil \$	Tuition Fees Paid Cost Per Pupil \$	Other Services Cost Per Pupil \$	Capital Cost Per Pupil \$	Debt Charges Cost Per Pupil \$
Hamilton Board of Education Academic and Vocational	730.85	40.98	466.52	35.40	82.16	--	0.03	7.43	36.94	61.39
Dundas District High School Board	915.58	20.11	511.64	79.17	85.18	45.18	37.90	5.52	47.17	83.71
Ancaster Township High School Board	780.38	43.49	423.94	38.26	83.18	23.36	2.51	47.29	22.53	95.82
East Flamborough Township & Waterdown District High School Board	722.20	31.37	451.00	33.07	44.66	41.65	29.60	4.43	11.91	74.51
Glanford District High School Board	789.26	3.49	--	--	--	78.72	707.05	--	--	--
Saltfleet District High School Board	826.08	61.96	457.46	42.49	61.57	46.48	26.08	1.87	18.47	109.70
Burlington Board of Education Academic and Vocational	759.92	30.88	481.17	40.26	69.10	13.64	6.42	7.18	4.91	106.36
Grimsby and District High School Board	756.40	32.20	446.72	48.71	66.74	18.52	3.96	46.75	11.87	80.93

Prepared by: Municipal Research Branch,  
Ontario Department of Municipal Affairs.

TABLE 5 - 8  
SECONDARY SCHOOL BOARDS, 1967

<u>B o a r d</u>	<u>Number of Trustees</u>	<u>Term</u>	<u>3/ Secretary- Treasurer</u>
Hamilton Board of Education	18 <u>1</u> /	2 yrs.	Full-time
Dundas District High School Board	11		Full-time
Dundas	3	3 yrs.(s)	
West Flamborough	3	3 yrs.(s)	
Beverly	2	3 yrs.(s)	
Dundas Township School Area	1	1 yr.	
Dundas Separate School Board	1	1 yr.	
Wentworth County	1	1 yr.	
Ancaster District High School Board	8		Full-time
Ancaster	5	3 yrs.(s)	
Ancaster Township School Area	1	1 yr.	
Roman Catholic School Section #1 & #15	1	1 yr.	
Wentworth County	1	1 yr.	
Flamborough East & Waterdown District High School Board	8		Part-time
East Flamborough	3	3 yrs.(s)	
Waterdown	2	2 yrs.	
Waterdown & East Flamborough Township School Area	1	1 yr.	
Waterdown Separate School Board	1	1 yr.	
Glanford District High School Board <u>4</u> /	5		Part-time
Glanford Township	3	3 yrs.(s)	
Glanford Township Public School Area	1	1 yr.	
Wentworth County	1	1 yr.	
Saltfleet District High School Board	13		Full-time
Saltfleet	3	3 yrs.(s)	
Stoney Creek	3	3 yrs.(s)	
Binbrook	2	3 yrs.(s)	
Saltfleet Township Public School Area	1	1 yr.	
Roman Catholic Separate School #1 & #3	1	1 yr.	
Wentworth County	3	1 yr.	
Burlington Board of Education	10 <u>2</u> /	2 yrs.	Full-time
Grimsby & District High School Board	10	NA	Full-time

(s) Indicates staggered term.

1/ Includes 2 members appointed by the Hamilton Separate School Board.

2/ One member appointed by the Burlington Separate School Board and one member appointed by the County of Halton.

3/ Business Administrator is the title employed by some school boards.

4/ Operates no schools.

Source: Ontario Department of Education.



TABLE 5 - 9

SPECIAL CLASSES AND SERVICES SECONDARY SCHOOLS - 1967

School Board	Home Economics		Industrial Arts		Department of Agriculture	Special Day Classes in English	Psychological and Health Services		Library	Evening Courses of Study
Hamilton Board of Education	17	--	--	--	--	--	Yes	16	Yes	
Academic and Vocational										
Dundas District High School Board	3	3	--	--	--	--	Health only	4	Yes	
Ancaster Township High School										
Board	2	--	--	--	--	--	Health only	1	Yes	
Township of East Flamborough and										
Waterdown District High School	1	1	--	--	--	--	Health only	1	Yes	
Board										
Saltfleet District High School	6	2	--	--	--	--	Health only	3	Yes	
Board										
Burlington Board of Education	6	--	--	--	--	--	Health only	4	Yes	
Academic and Vocational										
Grimsby & District High School	2	--	--	--	--	--	Health only	1	Yes	
Board										

NOTE: Glanford District High School Board does not operate any schools.

Source: Ontario Department of Education.

Prepared by: Municipal Research Branch,  
Ontario Department of Municipal Affairs.

TABLE 5 - 10

COST OF EDUCATION PER STUDENT - 1966  
(By Municipality)

---

<u>Municipality</u>	<u>Number of Pupils</u>	<u>Total Cost of Education</u> \$	<u>Cost Per Student</u> \$
City:			
Hamilton Public	34,037	13,992,563	411.10
Hamilton Separate	17,434	5,325,476	305.46
Total Elementary	51,471	19,318,039	375.32
Secondary	15,928	11,642,319	730.93
Total	67,399	30,960,358	459.36
Towns:			
Dundas Public	2,359	748,986	317.50
Dundas Separate	483	149,336	309.18
Total Elementary	2,842	898,322	316.09
Secondary	989	929,251	939.59
Total	3,831	1,827,573	477.05
Stoney Creek Public	965	301,075	311.99
Stoney Creek Separate	279	56,536	202.64
Total Elementary	1,244	357,611	287.47
Secondary	440	422,750	960.80
Total	1,684	780,361	463.40
Total - Towns:			
Public	3,324	1,050,061	315.90
Separate	762	205,872	270.17
Total Elementary	4,086	1,255,933	307.37
Secondary	1,429	1,352,001	946.12
Total	5,515	2,607,934	472.88
Village:			
Waterdown Public	323	136,643	423.04
Waterdown Separate	50	18,483	369.66
Total Elementary	373	155,126	415.89
Secondary	203	103,915	511.90
Total	576	259,041	449.72
Townships:			
Ancaster Public	2,723	1,071,264	393.41
Ancaster Separate	501	179,028	357.34
Total Elementary	3,224	1,250,292	387.81
Secondary	1,114	868,025	779.20
Total	4,338	2,118,317	488.32
Beverly Public	1,042	333,829	320.37
Beverly Separate	--	--	--
Total Elementary	1,042	333,829	320.37
Secondary	331	302,967	915.31
Total	1,373	636,796	463.80

<u>Municipality</u>	<u>Number of Pupils</u>	<u>Total Cost of Education</u>	<u>Cost Per Student</u>
		\$	\$
Binbrook Public	586	207,060	353.34
Binbrook Separate	64	10,009	156.39
Total Elementary	650	217,069	333.95
Secondary	235	163,815	697.09
Total	885	380,884	430.38
East Flamborough Public	995	370,781	372.64
East Flamborough Separate	82	22,378	272.90
Total Elementary	1,077	393,159	365.05
Secondary	287	246,915	860.33
Total	1,364	640,074	469.26
West Flamborough Public	1,427	428,010	299.94
West Flamborough Separate	132	21,153	160.25
Total Elementary	1,559	449,163	288.11
Secondary	541	454,015	839.21
Total	2,100	903,178	430.08
Glanford Public	1,138	398,527	350.20
Glanford Separate	46	15,362	333.96
Total Elementary	1,184	413,889	349.57
Secondary	360	284,005	788.90
Total	1,544	697,894	452.00
Saltfleet Public	3,212	1,361,696	423.94
Saltfleet Separate	909	364,487	400.98
Total Elementary	4,121	1,726,183	418.87
Secondary	1,175	943,065	802.61
Total	5,296	2,669,248	501.01
Total Townships:			
Public	11,123	4,171,167	375.00
Separate	1,734	612,417	353.18
Total Elementary	12,857	4,783,584	372.06
Secondary	4,043	3,262,807	807.03
Total	16,900	8,046,391	476.12
Total - Towns, Village & Townships:			
Public	14,770	5,357,871	362.75
Separate	2,546	836,772	328.66
Total Elementary	17,316	6,194,643	357.74
Secondary	5,675	4,718,723	831.49
Total	22,991	10,913,366	474.68
Sub-Total:			
Public	48,807	19,350,434	396.47
Separate	19,980	6,162,248	308.42
Total Elementary	68,787	25,512,682	370.89
Secondary	21,603	16,361,042	757.35
Total	90,390	41,873,724	463.26

<u>Municipality</u>	<u>Number of Pupils</u>	<u>Total Cost of Education</u> \$	<u>Cost Per Student</u> \$
Town:			
Burlington Public	11,391	4,317,700	379.04
Burlington Separate	2,892	888,981	307.31
Total Elementary	14,283	5,206,681	364.54
Secondary	4,427	3,368,615	760.93
Total	18,710	8,575,296	458.33
Total - Study Area:			
Public	60,198	23,668,134	393.17
Separate	22,872	7,051,229	308.29
Total Elementary	83,070	30,719,363	369.80
Secondary	26,030	19,729,657	757.96
Total	109,100	50,449,020	462.41

Source: Based on previous tables.

Prepared by: Municipal Research Branch,  
Ontario Department of  
Municipal Affairs.



TABLE 5 - 11

SUMMARY OF EDUCATION EXPENDITURES BY MUNICIPALITY - 1966

TABLE 5 - 11

SUMMARY OF EDUCATION EXPENDITURES BY MUNICIPALITY - 1966

Municipality	Salaries \$	Trans- porta- tion \$	Debt Charges and Interest \$	Tui- tion Fees Paid \$	Supplies \$	Plant Operation & Main- tenance \$	Adminis- tration \$	Capital from Revenue \$	Sub-Total \$	Miscellaneous		Total \$
										Other \$	Auxil- ary \$	
City:												
Hamilton	19,091,530	89,916	3,404,697	453	1,351,363	4,010,425	1,531,140	1,431,111	30,910,635	6,032	251,759	31,168,426
Towns:												
Dundas	1,097,443	49,430	233,838	28	129,527	211,255	41,882	56,714	1,820,117	361	7,095	1,827,573
Stoney Creek	465,711	29,313	114,500	66	39,756	64,567	45,521	13,721	773,155	4,785	2,421	780,361
Total - Towns	1,563,154	78,743	348,338	94	169,283	275,822	87,403	70,435	2,593,272	5,146	9,516	2,607,934
Village:												
Waterdown	143,364	12,013	34,457	--	12,018	26,126	11,690	18,681	258,349	19	673	259,041
Townships:												
Ancaster	1,170,783	83,763	322,275	2,692	101,591	229,665	83,545	65,912	2,060,226	45,109	12,982	2,118,317
Beverly	352,160	59,207	62,143	23	45,969	65,618	26,044	21,098	632,262	70	4,464	636,796
Binbrook	204,237	30,544	55,772	24	17,963	33,614	20,468	16,243	378,865	797	1,222	380,884
East Flamborough	357,585	45,346	80,225	35	32,133	65,750	28,122	27,035	636,231	57	3,786	640,074
West Flamborough	511,811	56,985	111,935	761	62,204	98,152	27,183	29,429	898,460	176	4,542	903,178
Glanford	421,462	75,258	22,075	677	32,976	84,366	32,069	23,821	692,704	268	4,922	697,894
Saltfleet	1,450,325	128,180	437,247	933	122,768	260,028	126,240	130,847	2,656,568	4,214	8,466	2,669,248
Total - Townships	4,468,363	479,283	1,091,672	5,145	415,604	837,193	343,671	314,385	7,955,316	50,691	40,384	8,046,391

County:

Wentworth 1/

Public

Separate

Total Elementary

Secondary

Total

Sub-Total 2/

Town:

Burlington

Total - Study Area

Town:

Grimsby

Township:

North Grimsby

1/ Towns, Villages and Townships.

2/ County plus city.

Source: Financial statements of School Boards in municipalities mentioned and the Ontario Department of Education.

Prepared by: Municipal Research Branch,  
Ontario Department of Municipal Affairs.

3,049,936	273,342	757,896	1,600	251,973	602,400	175,753	224,169	5,337,069	7,031	13,771	5,357,871
393,453	37,745	190,882	--	45,763	112,233	28,503	18,593	827,172	5,911	3,689	836,772
3,443,389	311,087	948,778	1,600	297,736	714,633	204,256	242,762	6,164,241	12,942	17,460	6,194,643
2,731,492	258,952	525,689	3,639	299,169	424,508	238,508	160,739	4,642,696	42,914	33,113	4,718,723
6,174,881	570,039	1,474,467	5,239	596,905	1,139,141	442,764	403,501	10,806,937	55,856	50,573	10,913,366
25,266,411	659,955	4,879,164	5,692	1,948,268	5,149,566	1,973,904	1,834,612	41,717,572	61,888	302,332	42,081,792
5,258,355	212,829	1,290,576	2,824	462,669	808,767	324,343	183,141	8,543,504	23,937	40,931	8,608,372
30,524,766	872,784	6,169,740	8,516	2,410,937	5,958,333	2,298,247	2,017,753	50,261,076	85,825	343,263	50,690,164
477,116	12,159	94,100	3,737	52,996	68,581	24,722	8,478	741,889	19,443	5,149	766,481
464,583	19,088	134,764	2,891	44,277	72,450	29,486	23,280	790,819	21,757	4,832	817,408

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TABLE 5 - 12

PROVINCIAL GRANTS AS A PERCENTAGE OF  
TOTAL EDUCATION EXPENDITURES  
(By Municipality - 1966)

<u>Municipality</u>	<u>Total Expenditures</u> \$	<u>Total Provincial Grants</u> \$	<u>Grants as a % of Total Expenditures</u> %
City:			
Hamilton	31, 168, 426	12, 459, 957	40. 0
Towns:			
Dundas	1, 827, 573	864, 908	47. 3
Stoney Creek	780, 361	393, 423	50. 4
Total Towns	2, 607, 934	1, 258, 331	48. 3
Village:			
Waterdown	259, 041	129, 752	50. 1
Townships:			
Ancaster	2, 118, 317	1, 153, 404	54. 4
Beverly	636, 796	367, 875	57. 8
Binbrook	380, 884	228, 342	60. 0
East Flamborough	640, 074	358, 378	56. 0
West Flamborough	903, 178	461, 497	51. 1
Glanford	697, 894	513, 543	73. 6
Saltfleet	2, 669, 248	1, 459, 575	54. 7
Total Townships	8, 046, 391	4, 542, 614	56. 5
Total Townships, Village & Towns	10, 913, 366	5, 930, 697	54. 3
Total - Local	42, 081, 792	18, 390, 654	43. 7
Town:			
Burlington	8, 608, 372	3, 817, 597	44. 3
Study Total	50, 690, 164	22, 208, 251	43. 8
Town:			
Grimsby	766, 481	393, 366	51. 3
Township:			
North Grimsby	817, 408	464, 454	56. 8

Source: Financial statements of municipalities mentioned.

Prepared by: Municipal Research Branch,  
Ontario Department of  
Municipal Affairs.



TABLE 5 - 13

PROPOSED WENTWORTH COUNTY SCHOOL DIVISION  
ESTIMATE OF COSTS AND RELATED DATA

Participating Municipalities	Net Cost of Educa- tion in 1966 <u>1/</u> \$	Equalized		Revised 1966 Costs Under New System \$	Percentage Change in Distribution of Costs %	Estimated Number of Students (1966) <u>2/</u>	Percentage Distribution of Students %
		Percentage Distribu- tion of 1966 Cost %	Taxable Assess- ment for 1966 Taxes (\$1000)				
Towns:							
Dundas	893,550	19.35	74,130	891,384	0.24 (D)	3,348	16.38
Stoney Creek	371,924	8.05	34,301	411,053	10.52 (I)	1,405	6.87
Village:							
Waterdown	120,710	2.61	8,868	106,227	12.00 (D)	526	2.57
Townships:							
Ancaster	815,766	17.66	62,717	752,827	7.71 (D)	3,837	18.77
Beverly	247,478	5.36	28,046	337,156	36.23 (I)	1,373	6.72
Binbrook	141,918	3.07	13,546	161,650	13.90 (I)	821	4.01
East Flamborough	272,120	5.89	21,247	254,021	6.65 (D)	1,282	6.27
West Flamborough	376,328	8.15	43,118	517,280	37.45 (I)	1,968	9.62
Glanford	274,167	5.94	23,729	286,351	4.44 (I)	1,498	7.33
Saltfleet	1,104,611	23.92	74,012	891,384	19.30 (D)	4,387	21.46
Division Total	4,618,572	100.00	383,713	4,609,333		20,445	100.00

1/ Net Cost includes transportation and excludes provincial grants and other recoverable expenditure items.

2/ Students in Public Elementary Schools and Secondary Schools.

(I) - Increase (D) - Decrease

Source: Financial statements of municipalities mentioned.

Prepared by: Ontario Department of Municipal Affairs.



## CHAPTER 6

### MUNICIPAL FINANCE AND REVENUE

The largest part of revenue available to municipal corporations in the study area is derived from a tax based on the assessed value of real property. Table 6-1 shows the composition of municipal revenues for the year 1966. Only those amounts that are credited to the general revenue fund of the municipality are ~~shows~~<sup>shown,</sup> but numerous municipal boards and commissions have their own sources of revenue that are not reflected in the general accounts of the municipality. For example, water and hydro rates that may be collected by public utilities commissions are not included in Table 6-1. The level and composition of municipal revenue can therefore fluctuate with the particular administrative structure that exists in the municipalities being studied.

The Township of East Flamborough exhibits a large portion of its revenues (21.9%) that is composed of debenture debt charges recoverable from other municipalities. This is attributable to the annexation by Burlington of large developed areas in 1958. At that time, Burlington assumed from East Flamborough the debt charges on debentures outstanding for water distribution in the annexed area.

The grants recorded in Table 6-2 do not include payments in lieu of municipal taxes by the Government of Canada and the Government of Ontario. It shows the percentage of the general municipal grants (excluding education) of the total municipal revenue.

It is evident that a somewhat larger proportion of the general revenues of a township that ~~are~~<sup>is</sup> characteristically rural is made up of grants from the Province of Ontario. Table 6-3 indicates that this is largely the result of grants for maintenance and construction of roads. The tables show the amount of grants received from the Province of Ontario by each municipality in the study area in 1966.

A change in municipal taxation per capita between 1961 and 1966

is shown in Table 6-4.

Because of the cost of servicing the industrial and commercial taxpayers in the municipalities in the study area with a large portion of industrial assessment such as in the City of Hamilton per capital costs are not significant for comparative purposes.

The actual amounts of tax levied in the years 1961 and 1966 shown in Table 6-5 including local improvement and area charges. For comparative purposes the taxes levied are also expressed per \$1000. of equalized taxable assessment, and the resulting figure for each municipality is equivalent to a generalized overall mill rate, or an index of the level of property tax in that municipality. For two reasons this figure will not generally be recognized by area residents. In order to simplify inter-municipal comparison, the tax levy on commercial, residential, and public and separate school supporting property <sup>have</sup> ~~has~~ been combined. Secondly, the taxable assessment in each municipality has been adjusted by the application of an equalization factor as determined by the Assessment Branch of the Ontario Department of Municipal Affairs. This procedure is required as assessment practices in various municipalities are not identical. This aspect of the problem will receive further consideration in the section immediately below. A second approach was tried that yields more recognizable results. A sample of representative properties in each of the municipalities in the study area was used to obtain the comparative total of the taxes and service costs on similar homes and farm properties in each municipality included in the study area as shown in Table 6-6. Particular attention should be paid to the footnotes appearing on the table as to the services provided.

### Assessment

The basis of municipal taxation is the real value of all privately owned property within a municipality. For taxation purposes, the value of each must be determined or assessed. At the present time, assessment practices in different municipalities do not yield assessed values that are a



constant fraction of the actual market value of the property. In each municipality the value of taxable assessment for 1966 taxes as arrived at by the municipalities' Assessors show the following relationship to market value according to the review of assessment made by the Provincial Assessment staff: Hamilton, 34%; Dundas, 28%; Stoney Creek, 30%; Waterdown, 31%; Ancaster, 30%; Beverly, 23%; Binbrook, 24%; East Flamborough, 30%; West Flamborough, 26%; Glanford, 24%; Saltfleet, 30%; Burlington, 32%. These fractions are calculated by the Provincial Assessors by sampling properties that were sold during the year of assessment, and then by comparing the sale value to the assessed value for each such property. These ratios are then employed to bring the value of taxable assessment to a common or equalized base in all municipalities. As the basis for comparison is then market value, the value of equalized taxable assessment is then given in terms of sale value. In addition to the difference between the level of assessment in various municipalities there exists a difference between the level at which various categories of property (e.g. residential, farm, commercial, industrial) are assessed under equalization within a single municipality. However, equalization factors are not at present calculated for each category of assessed property. For this reason the equalized assessment for residential property as compared to industrial and commercial property shown on Table 6-7 should be taken as an approximation only and should not be applied to individual classes of property. Similarly, the percentage distribution of taxable assessment by category for each municipality in Table 6-8 should be regarded as an approximation.

In 1964 the basis employed to calculate equalization factors was entirely changed from the original historical cost of reproduction approach to the present market value concept. The area assessment commissioners supplied us with equalization figures for 1961 that were calculated on a basis equivalent to the 1966 method. Unfortunately, the growth in the intervening period was so great and the associated problems such that no precise comparison could be obtained. The comparisons in Table 6-5 and Table 6-16 should be considered in this light.

## Expenditures

Table 6-9 shows the net 1966 expenditures for each of the municipalities in the study area. The resulting figure expressed in terms of equalized taxable assessment approximates a generalized equalized mill rate. The difference that exists between the figures as shown on this table and on Table 6-5 based on the actual levies is attributable to the exclusion on Table 6-9 of any surplus or deficit balances brought forward from the prior year and special reserves and unusual non-recurring items. Although education was formerly considered in Chapter 5, school expenditures are included here for comparative purposes. Table 6-10 provides additional details of the municipal expenditures. Small negative amounts occur in the category Health for some municipalities because the Health function in 1966 was administered by the County Health Unit and the municipalities accordingly reported no items of expenditure. However, small grants may be received from the Province to offset the cost of agreements regarding ambulance service, the cost for which has not been included in this category by the municipality. The net expenditures include local improvement and area charges. The total net expenditures when expressed per \$1000. of equalized taxable assessment would tend to understate the affect on urban areas and overstate the affect on farm areas which are now exempt from such charges.

In Hamilton expenditure on protection and public works account for almost 11 mills (equalized) of the total equalized general mill rate of 17.54.

Details of expenditures on the services are shown in Table 6-11, Table 6-12 and Table 6-13.

Table 6-14 shows that for all categories of expenditure, over three-quarters of the net expenditures made in the study area occur in the City of Hamilton.

## Debenture and Other Long-Term Debt

Most of the long-term debt issued by municipalities is known as

debenture debt and is synonymous with the financing of capital works by debenture issues. The debentures in some cases may be sold to agencies of the Provincial Government such as the Ontario Education Capital Aid Corporation, but ordinarily are placed with security dealers for sale to the public. The notable exception to this practice involves projects undertaken through the Ontario Water Resources Commission. At present, the municipality is required to meet its obligation under such an agreement by depositing into a sinking fund a stipulated amount annually that will at some time fully repay the capital costs. The sinking fund is administered by the O.W.R.C. In addition to these deposits the O.W.R.C. charges interest on the amount of debt outstanding and an annual charge for operation costs of the facility during the life of the agreement.

Table 6-15 and Table 6-16 show for 1966 and 1961 the long-term debt outstanding of each municipality in the study area. These tables include debt incurred for the purpose of education. In the case of sinking fund debentures, the amount accumulated in the fund is subtracted from the outstanding liability. An index based on the equalized taxable assessment of the municipality is provided as well as the distribution of debt outstanding among the area municipalities. In these tables, the term "net" indicates that debenture debt is not included that has been issued on behalf of independent boards and commissions. In these cases, repayments are made from the revenue of the authority and are not included in the general tax levy. Similarly, if a municipality, by agreement, assumes some part or all of the debt charges due on a debenture issued by a different municipality, then, the first municipality is allotted that portion of the debt outstanding that it has contracted to repay.

Table 6-17 presents information on the amount of the municipal and school tax levies that were required in 1966 for the repayment of debt. Table 6-18 shows the amount of debt issued in the six years from 1961 to 1966 classified according to the purpose for which the debt was issued.

According to the Annual Report of Municipal Statistics, the per

capita net debenture debt outstanding for all municipalities in Ontario is \$274.84. This figure excludes the amount of accumulated sinking funds and debt issued for the purposes of hydro electric power and water works. The comparable figure for the study area is \$244.27 and in the City of Hamilton \$266.02.

TABLE 6 - 1

LOCAL MUNICIPAL & COUNTY REVENUE 1966



TABLE 6 - 1

LOCAL MUNICIPAL & COUNTY REVENUE 1966

Municipality	Total Taxation		Grants for		Municipal &		Miscellaneous		Other <u>4/</u>		Total	
	Revenue	<u>1/</u> %	Purposes	<u>2/</u> %	Charges Recoverable	<u>3/</u> %	Revenue	<u>4/</u> %	Recoverables	%	Revenue	(100%) \$
City:												
Hamilton	46,625,221	78.6	6,150,621	10.4	1,767,565	3.0	2,502,428	4.2	2,256,734	3.8	59,302,569	
Towns:												
Dundas	1,915,359	80.7	148,426	6.2	170,460	7.2	43,998	1.9	95,942	4.0	2,374,185	
Stoney Creek	726,930	76.3	55,491	5.8	28,775	3.0	24,891	2.6	116,679	12.3	952,766	
Total Towns	2,642,289	79.4	203,917	6.1	199,235	6.0	68,889	2.1	212,621	6.4	3,326,951	
Village:												
Waterdown	261,255	74.9	20,722	5.9	23,626	6.8	13,264	3.8	29,785	8.6	348,652	
Townships:												
Ancaster	1,534,831	79.4	166,422	8.6	53,679	2.8	68,990	3.6	107,899	5.6	1,931,821	
Beverly	401,926	80.0	69,334	13.8	1,545	0.3	16,363	3.3	13,034	2.6	502,202	
Binbrook	262,023	76.6	48,823	14.3	--	--	30,010	8.8	1,152	0.3	342,008	
East Flamborough	443,751	63.8	70,260	10.1	152,385	21.9	13,266	1.9	15,729	2.3	695,391	
West Flamborough	620,690	85.9	74,753	10.4	4,670	0.6	15,518	2.2	6,585	0.9	722,216	
Glanford	471,990	83.7	69,410	12.3	8,310	1.5	12,333	2.2	2,074	0.3	564,117	
Saltfleet	1,934,898	71.0	236,433	8.7	235,049	8.6	90,551	3.3	229,424	8.4	2,726,355	
Total Townships	5,670,109	75.8	735,435	9.8	455,638	6.1	247,031	3.3	375,897	5.0	7,484,110	
Total Towns, Village & Townships	8,573,653	76.8	960,074	8.6	678,499	6.1	329,184	2.9	618,303	5.6	11,159,713	

Sub-Total	55,198,874	78.3	7,110,695	10.1	2,446,064	3.5	2,831,612	4.0	2,875,037	4.1	70,462,282
County:											
Wentworth	1,281,359	61.5	146,788	7.0	267,515	12.8	14,014	0.7	374,572	18.0	2,084,248
Sub-Total (Adjusted)	55,198,874	78.6	7,257,483	10.3	2,310,556	3.3	2,832,868	4.0	2,648,264	3.8	70,248,045
Town:											
Burlington	9,476,311	78.1	1,000,061	8.2	569,149	4.7	300,090	2.5	784,290	6.5	12,129,901
Total Study Area (Adjusted)	64,675,185	78.6	8,257,544	10.0	2,817,063	3.4	3,132,958	3.8	3,432,554	4.2	82,315,304
Town:											
Grimsby	821,782	76.7	76,018	7.1	76,794	7.2	34,504	3.2	62,914	5.8	1,072,012
Township:											
North Grimsby	739,425	77.2	93,775	9.8	22,318	2.3	34,359	3.6	68,299	7.1	958,176

- 1/ Total Taxation Revenue is the 1966 levy including educational levies but excluding local improvement charges and special area rates.
- 2/ Includes payments-in-lieu of Taxes, but excludes grants for Education.
- 3/ Recoverable from other municipalities or independent boards and commissions.
- 4/ Include interest and penalties on taxes, licenses, fines, rentals, service charges, etc.

Source: Financial statements of the municipalities mentioned.

Prepared by: Municipal Research Branch,  
Ontario Department of Municipal Affairs.

TABLE 6 - 2

PROVINCIAL GRANTS AS A PERCENT OF TOTAL MUNICIPAL  
REVENUE EXCLUDING EDUCATION - 1966

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<u>Municipality</u>	<u>Provincial <u>1</u>/ Grants for Municipal Purposes</u>	<u>Current <u>2</u>/ Municipal Revenue Excluding Education</u>	<u>Provincial Grants as Percent of Municipal Revenue</u>
	\$	\$	%
City:			
Hamilton	5,372,491	40,097,626	13.4
Towns:			
Dundas	126,414	1,431,259	8.8
Stoney Creek	51,738	566,401	9.1
Total - Towns	178,152	1,997,660	8.9
Village:			
Waterdown	20,266	221,823	9.1
Townships:			
Ancaster	160,305	1,072,902	14.9
Beverly	68,928	249,964	27.6
Binbrook	47,428	192,893	24.6
East Flamborough	68,879	416,013	16.6
West Flamborough	73,932	331,632	22.3
Glanford	64,335	214,810	29.9
Saltfleet	228,032	1,535,719	14.8
Total - Townships	711,840	4,013,933	17.7
Total - Towns, Village, & Townships	910,258	6,233,416	14.6
Sub-Total	6,282,749	46,331,042	13.6
County:			
Wentworth	146,788	2,084,248	7.0
Sub-Total (Adjusted)	6,429,537	46,116,805	13.9
Town:			
Burlington	910,462	7,389,404	12.3
Study Area Total (Adj.)	7,339,999	53,443,567	13.7
Town:			
Grimsby	71,547	705,288	10.1
Township:			
North Grimsby	91,089	572,763	15.9

1/ Excluding payments-in-lieu of taxes.

2/ Includes as Revenue, Education Debt Charges Recoverable.

NOTE: Sub - Totals have been adjusted to avoid inter-Municipal payments.

Source: Financial Statements of municipalities mentioned.  
(Based on previous tables).

Prepared by: Ontario Department of  
Municipal Affairs.

TABLE 6 - 3

PROVINCIAL GRANTS TO MUNICIPALITIES AND BOARDS - 1966

TABLE 6 - 3

PROVINCIAL GRANTS TO MUNICIPALITIES AND BOARDS - 1966

Credited to General Revenue Fund of Municipality										
<u>Municipality</u>	<u>General Govern-ment</u> \$	<u>Protec-tion</u> \$	<u>Public Works (Roads) &amp; Sanitation &amp; Waste</u> \$	<u>Health</u> \$	<u>Welfare</u> \$	<u>Recreation and Community Service</u> \$	<u>Sundry</u> \$	<u>Sub-Total</u> \$	<u>Uncon-ditional Per Capita</u> \$	<u>Municipal Total 1/</u> \$
City:										
Hamilton	--	226,736	799,571	226,374	2,884,523	17,573	--	4,154,777	1,217,714	5,372,491
Towns:										
Dundas	--	4,800	59,375	529	--	6,000	--	70,704	55,710	126,414
Stoney Creek	--	3,961	21,055	--	--	1,400	--	26,416	25,322	51,739
Total - Towns	--	8,761	80,430	529	--	7,400	--	97,120	81,032	178,152
Village:										
Waterdown	4,965	1,051	7,718	--	--	1,000	--	14,734	5,532	20,266
Townships:										
Ancaster	--	1,001	91,348	--	--	19,850	--	112,199	48,106	160,305
Beverly	--	--	50,979	--	--	--	--	50,979	17,950	68,929
Binbrook	--	15	38,634	--	--	--	--	38,649	8,779	47,428
East Flamborough	--	--	50,908	--	--	3,299	--	54,207	14,672	68,879
West Flamborough	--	84	49,561	--	--	--	--	49,645	24,287	73,932
Glanford	--	54	47,235	--	--	--	--	47,289	17,046	64,335
Saltfleet	--	718	151,084	750	--	13,628	--	166,180	61,852	228,032
Total - Townships	--	1,872	479,749	750	--	36,777	--	519,148	192,692	711,840



Total Towns, Village & Townships	4,965	11,684	567,897	1,279	--	45,177	--	631,002	279,256	910,258
Sub-Total	4,965	238,420	1,367,468	227,653	2,884,523	62,750	--	4,785,779	1,496,970	6,282,749
County:										
Wentworth	7,125	4,276	10,275	7,293	114,447	--	3,372	146,788	--	146,788
Sub-Total	12,090	242,696	1,377,743	234,946	2,998,970	62,750	3,372	4,932,567	1,496,970	6,429,537
Town:										
Burlington	--	11,112	596,612	--	72,015	24,983	--	704,722	205,740	910,462
Total - Study Area	12,090	253,808	1,974,355	234,946	3,070,985	87,733	3,372	5,637,289	1,702,710	7,339,999
Town:										
Grimsby	--	2,140	22,185	6,183	16,540	4,583	--	51,631	19,916	71,547
Township:										
North Grimsby	--	14	55,834	--	13,346	--	--	69,194	21,895	91,089

1/ Excludes payments in lieu of municipal taxes.

Source: Financial Statements of municipalities mentioned. Prepared by: Municipal Research Branch,  
Ontario Department of Municipal Affairs.

PROVINCIAL GRANTS TO MUNICIPALITIES AND BOARDS - 1966 (cont'd)

Grants to Boards and Commissions						
Municipality	Education	Library	Health Unit	Suburban Roads Commission	Recreation Committee	Total All Grants \$
	\$	\$	\$	\$	\$	
City:						
Hamilton	12,459,957	175,661	--	--	--	18,008,109
Towns:						
Dundas	864,908	8,443	--	--	--	999,765
Stoney Creek	393,423	2/ 3,003	--	--	--	448,164
Total - Towns	1,258,331	11,446	--	--	--	1,447,929
Village:						
Waterdown	129,752	--	--	--	--	150,018
Townships:						
Ancaster	1,153,404	--	--	--	--	1,313,709
Beverly	367,875	--	--	--	--	436,804
Binbrook	228,342	--	--	--	--	275,770
East Flamborough	358,378	--	--	--	--	427,257
West Flamborough	461,497	--	--	--	--	535,429
Glanford	513,543	--	--	--	--	577,878
Saltfleet	1,459,575	--	--	--	--	1,687,607
Total - Townships	4,542,614	--	--	--	--	5,254,454

Total Towns, Village & Townships	5,930,697	11,446	--	--	--	6,852,401
Sub-Total	18,390,654	187,107	--	--	--	24,860,510
County: Wentworth	--	83,000	100,420	556,681	<u>4/</u>	886,889
Sub-Total	18,390,654	270,107	100,420	556,681	--	25,747,399
Town: Burlington	3,817,597	30,710	--	--	--	4,758,769
Total - Study Area	22,208,251	300,817	100,420	556,681	--	30,506,168
Town: Grimsby	393,366	5,376	--	--	2,715 <u>3/</u>	473,004
Township: North Grimsby	464,454	2,978	--	--	2,714 <u>3/</u>	561,235

2/ Excludes \$25,933 Reserve for School Site.  
3/ Includes Museum and Swimming Pool grants.  
4/ Includes Hamilton's portion of \$278,340.

Source: Financial Statements of municipalities mentioned.      Prepared by: Municipal Research Branch,  
 Ontario Department of Municipal Affairs.

TABLE 6 - 4  
MUNICIPAL & SCHOOL TAXATION IN PER CAPITA TERMS,  
1961 and 1966

<u>Municipality</u>	<u>Total Taxation</u>			<u>Municipal Taxation</u>			<u>School Taxation</u>		
	<u>Per Capita</u> <u>1961</u>	<u>1966</u> \$	<u>Percent</u> <u>Increase</u> %	<u>Per Capita</u> <u>1961</u> \$	<u>1966</u> \$	<u>Percent</u> <u>Increase</u> %	<u>Per Capita</u> <u>1961</u> \$	<u>1966</u> \$	<u>Percent</u> <u>Increase</u> %
City: Hamilton	127.39	169.63	33.2	77.26	101.85	31.8	50.13	67.78	35.2
Towns:									
Dundas	96.47	129.45	34.2	50.73	67.32	32.7	45.74	62.12	35.8
Stoney Creek	107.93	112.16	3.9	50.68	59.92	18.2	57.25	52.23	-8.8
Total - Towns	100.20	123.78	23.5	50.71	64.90	28.0	49.48	58.88	19.0
Village:									
Waterdown	82.65	130.76	58.2	42.72	67.28	57.5	39.93	63.48	59.0
Townships:									
Ancaster	84.98	102.02	20.1	31.59	50.33	59.3	53.39	57.69	8.1
Beverly	56.73	73.68	29.9	19.43	28.56	47.0	37.31	45.12	20.9
Binbrook	71.58	77.61	8.4	23.15	33.44	44.4	48.43	44.17	-8.8
East Flamborough	72.16	87.29	21.0	25.60	32.93	28.6	46.57	54.36	16.7
West Flamborough	56.97	80.27	40.9	21.95	30.07	37.0	35.02	50.20	43.3
Glanford	65.92	82.63	25.3	22.45	21.48	-4.3	43.47	61.15	40.7
Saltfleet	78.37	116.69	48.9	33.03	51.38	55.5	45.34	65.30	44.0
Total - Townships	73.35	98.07	33.7	27.98	40.92	46.2	45.37	57.15	26.0

Total Towns, Village & Townships	80.64	105.64	31.0	34.32	47.88	39.5	46.32	57.76	24.7
Sub-Total	117.08	154.83	32.2	67.79	89.37	31.8	49.29	65.46	32.8
County: Wentworth	10.80	15.02	39.1	10.80	15.02	39.1	--	--	--
Sub-Total <u>1/</u>	117.08	154.83	32.2	67.79	89.37	31.8	49.29	65.46	32.8
Town: Burlington	124.91	149.45	19.6	62.93	76.94	22.3	61.97	72.51	17.0
Total - Study Area	118.02	154.02	30.5	67.20	87.49	30.2	50.82	66.52	30.9
Town: Grimsby	104.82	130.10	24.1	53.41	73.81	38.2	51.41	56.29	9.5
Township: North Grimsby	80.94	111.68	38.0	36.64	57.23	56.2	44.31	54.45	22.9

1/ The County levy has been eliminated as it is reflected in the rates of the local municipalities.

Source: Financial Statements of municipalities listed. Prepared by: Municipal Research Branch,  
Ontario Department of Municipal Affairs.



TABLE 6-5

MUNICIPAL & SCHOOL TAXATION PER \$1000 OF  
EQUALIZED TAXABLE ASSESSMENT 1961 & 1966 <sup>3/</sup>

Municipality	Total Taxation <sup>2/</sup>			Municipal Taxation			School Taxation					
	Amount in \$1000		Per \$1000 ETA	Amount in \$1000		Per \$1000 ETA	Amount in \$1000		Per \$1000 ETA			
	1961	1966	<u>1961</u> <u>1966</u>	1961	1966	<u>1961</u> <u>1966</u>	1961	1966	<u>1961</u> <u>1966</u>			
City:												
Hamilton	33,648	48,065	22.16	26.83	20,405	28,860	13.44	16.11	13,242	19,205	8.72	10.72
Towns:												
Dundas	1,279	1,965	20.59	25.72	672	1,022	10.83	13.38	606	943	9.76	12.34
Stoney Creek	689	829	22.74	22.88	324	443	10.68	12.22	366	386	12.06	10.65
Total - Towns	1,968	2,794	21.30	24.80	996	1,465	10.78	13.00	972	1,329	10.52	11.80
Village:												
Waterdown	154	261	20.30	27.13	79	134	10.49	13.96	74	127	9.81	13.17
Townships:												
Ancaster	1,138	1,608	17.85	25.07	423	749	6.64	11.68	715	859	11.21	13.39
Beverly	274	412	14.22	14.17	94	160	4.87	5.49	180	252	9.35	8.67
Binbrook	177	262	11.76	18.55	57	113	3.80	8.00	119	149	7.96	10.56
East Flamborough	321	449	15.36	18.79	114	169	5.45	7.09	207	279	9.91	11.70
West Flamborough	396	624	11.30	16.50	153	234	4.35	6.18	243	391	6.95	10.32
Glanford	308	472	16.30	18.51	105	123	5.55	4.81	203	349	10.75	13.70
Saltfleet	1,290	2,128	21.28	27.57	544	937	8.97	12.14	747	1,191	12.31	15.43
Total - Townships	3,904	5,955	16.72	21.91	1,489	2,485	6.38	9.14	2,415	3,470	10.34	12.77

Total - Towns, Village & Townships	6,026	9,010	18.07	22.87	2,565	4,084	7.69	10.37	3,461	4,926	10.38	12.50
Sub-Total	39,673	57,075	21.42	26.12	22,970	32,944	12.40	15.07	16,703	24,131	9.02	11.04
County: Wentworth	807	1,281	--	3.25	807	1,281	--	3.25	--	--	--	--
Sub-Total <u>1/</u>	39,673	57,075	21.42	26.12	22,970	32,944	12.40	15.07	16,703	24,131	9.02	11.04
Town: Burlington	5,792	9,771	21.22	25.56	2,919	5,030	10.69	13.16	2,874	4,740	10.53	12.40
Total - Study Area <u>1/</u>	45,466	66,846	21.29	26.03	25,889	37,974	12.18	14.79	19,577	28,872	9.21	11.24
Town: Grimsby	540	848	n.a.	25.89	275	481	n.a.	14.69	265	367	n.a.	11.20
Township: North Grimsby	476	790	n.a.	24.42	216	405	n.a.	12.51	261	385	n.a.	11.91

1/ The County levy has been eliminated as it is reflected in the rates of the local municipalities.

2/ Taxation is the actual levy for all purposes made by the municipality in the respective years and including local improvements and area rates.

3/ Equalized taxable assessments used are for levies in 1961 & 1966 made in prior years equalized to market values by provincial formula in 1966 and as calculated for 1961.

TABLE 6 - 6

ESTIMATED TAX & SERVICE BILLS  
1967 - 1968

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Group 1 Typical 1-Storey Brick with <u>Urban Services</u>	1967 <u>8/</u> <u>Taxes</u> \$	Estimated 1967 Water Bill (45,000 gals.) \$	Typical Electrical Bill (9,000 KWH) \$	Total Service Bill \$
Hamilton	447.00	<u>1/</u>	105.72	552.72
Dundas	438.10	39.10	117.72	544.22
Stoney Creek	387.40	<u>1/</u>	113.40	500.80
Waterdown	366.90 <u>2/</u>	47.32	109.08	523.30
Ancaster	325.40 <u>3/</u>	32.51	127.44	485.35
Saltfleet	393.70 <u>4/</u>	45.10	120.42	559.22
Burlington	409.30 <u>5/</u>	29.90	119.88	559.08
Group 3 1-Storey Brick Rural <u>Properties <u>7/</u></u>				
Ancaster	283.60	--	148.20	431.80
Binbrook	263.70	--	148.20	411.90
Beverly	245.89	--	148.20	394.09
Glanford	257.99	--	148.20	406.19
East Flamborough	244.58	--	148.20	392.78
West Flamborough	262.23	--	148.20	410.43
Saltfleet	311.71	--	148.20	459.91
Burlington <u>6/</u>	284.52	--	133.20	417.72

1/ Water rates collected on Tax Bill.

2/ Gravel road, no sewers, sidewalks or curbs.

3/ No sewers, sidewalks or curbs.

4/ No sidewalks or curbs.

5/ No sidewalks.

6/ Not calculated at special rate applicable to farms.

7/ Properties have neither water nor sewers. In some cases, roads are gravel only.

8/ Including area and local improvement charges.

Source: The municipalities and  
Ontario Hydro Electric Power Commission.

Prepared by: Municipal Research Branch,  
Ontario Department of  
Municipal Affairs.

TABLE 6 - 7

EQUALIZED TAXABLE ASSESSMENT FOR 1966 TAXES  
(AT MARKET VALUE)

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TABLE 6 - 7

EQUALIZED TAXABLE ASSESSMENT FOR 1966 TAXES  
(AT MARKET VALUE)

Municipality	Residential and Farm			Commercial and Industrial			Other	Total
	Residential \$	Farm \$	Total \$	Commercial \$	Industrial \$	Total \$		
City:								
Hamilton	903,584,706	2,381,618	905,966,324	385,927,209	450,127,826	836,055,035	49,360,765	1,791,382,124
Towns:								
Dundas	56,032,536	212,864	56,245,400	9,469,211	9,105,632	18,574,843	1,574,982	76,395,225
Stoney Creek	29,422,863	111,000	29,533,863	5,697,683	380,600	6,078,283	649,737	36,261,883
Total - Towns	85,455,399	323,864	85,779,263	15,166,894	9,486,232	24,653,126	2,224,719	112,657,108
Village:								
Waterdown	6,871,445	--	6,871,445	2,334,135	173,648	2,507,783	251,035	9,630,263
Townships:								
Ancaster	49,248,833	7,839,250	57,088,083	5,309,307	--	5,309,307	1,764,790	64,162,180
Beverly	9,549,991	12,620,943	22,170,934	3,859,809	172,861	4,032,670	2,874,174	29,077,778
Binbrook	7,317,690	5,053,517	12,371,207	988,534	--	988,534	762,445	14,122,186
East Flamborough	12,536,790	7,440,383	19,977,173	2,518,400	27,580	2,545,980	1,351,750	23,874,903
West Flamborough	23,598,938	7,125,350	30,724,288	2,874,835	2,702,400	5,577,235	1,537,696	37,839,219
Glanford	17,133,996	5,376,058	22,510,054	2,191,308	--	2,191,308	797,608	25,498,970
Saltfleet	51,206,290	7,872,467	59,078,757	9,878,250	7,400,667	17,278,917	796,273	77,153,947
Total - Townships	170,592,528	53,327,968	223,920,496	27,620,443	10,303,508	37,923,951	9,884,736	271,729,183



Total - Towns, Village & Townships	262,919,372	53,651,832	316,571,204	45,121,472	19,963,388	65,084,860	12,360,490	394,016,554
Sub-Total	1,166,504,078	56,033,450	1,222,537,528	431,048,681	470,091,214	901,139,895	61,721,255	2,185,398,678
Town: Burlington	280,434,722	13,323,812	293,758,534	42,656,516	37,975,878	80,632,394	7,940,750	382,331,678
Total - Study Area	1,446,938,800	69,357,262	1,516,296,062	473,705,197	508,067,092	981,772,289	69,662,005	2,567,730,356
Town: Grimsby	23,799,569	305,931	24,105,500	6,432,052	1,454,500	7,886,552	747,828	32,739,880
Township: North Grimsby	23,335,155	6,445,983	29,781,138	1,702,810	377,603	2,080,413	505,983	32,367,534

Source: Annual Return of Assessment,  
Population and Area of municipalities listed.

Prepared by: Municipal Research Branch,  
Ontario Department of Municipal Affairs.

TABLE 6 - 8  
PERCENTAGE DISTRIBUTION OF EQUALIZED TAXABLE ASSESSMENT  
FOR 1966 TAXES

Municipality	Residential and Farm		Commercial and Industrial		Other	Total
	Residential %	Farm %	Commercial %	Industrial %		
City: Hamilton	50.5	.1	21.5	25.1	2.8	100.0
Towns:						
Dundas	73.3	.3	12.4	11.9	2.1	100.0
Stoney Creek	81.1	.3	15.7	1.1	1.8	100.0
Total - Towns	75.8	.3	13.5	8.4	2.0	100.0
Village: Waterdown	71.4	--	24.2	1.8	2.6	100.0
Townships:						
Ancaster	76.8	12.2	8.3	--	2.7	100.0
Beverly	32.8	43.4	13.3	.6	9.9	100.0
Binbrook	51.8	35.8	7.0	--	5.4	100.0
East Flamborough	52.5	31.2	10.5	.1	5.7	100.0
West Flamborough	62.4	18.8	7.6	7.1	4.1	100.0
Glanford	67.2	21.1	8.6	--	3.1	100.0
Saltfleet	66.4	10.2	12.8	9.6	1.0	100.0
Total - Townships	62.8	19.6	10.2	3.8	3.6	100.0
Total - Towns, Village and Townships	66.7	13.6	11.5	5.1	3.1	100.0

Sub-Total	53.4	2.6	56.0	19.7	21.5	41.2	2.8	100.0
Town: Burlington	73.3	3.5	76.8	11.2	9.9	21.1	2.1	100.0
Total - Study Area	56.4	2.7	59.1	18.4	19.8	38.2	2.7	100.0
Town: Grimsby	72.7	.9	73.6	19.6	4.5	24.1	2.3	100.0
Township: North Grimsby	72.1	19.9	92.0	5.2	1.2	6.4	1.6	100.0

Source: Annual Return of Assessment, Population  
and Area of municipalities listed.

Prepared by: Municipal Research Branch,  
Ontario Department of Municipal Affairs.

TABLE 6 - 9

NET EXPENDITURE PER \$1000 EQUALIZED TAXABLE ASSESSMENT  
GENERAL MUNICIPAL AND EDUCATION - 1966

Municipality	GENERAL MUNICIPAL					EDUCATION					Total Net Ex- penditure Per \$1000 Equal- ized Taxable Assessment
	<u>5/ Gross Expend- iture</u> \$'000	<u>Pro- vincial Grants</u> \$'000	<u>Recov- erables</u> \$'000	<u>Net Expend- iture</u> \$'000	<u>Net Expend- iture Per \$1000 Equal- ized Taxable Assessment</u>	<u>5/ Gross Expend- iture</u> \$'000	<u>Pro- vincial Grants</u> \$'000	<u>Net Expend- iture</u> \$'000	<u>Net Expend- iture Per \$1000 Equal- ized Taxable Assessment</u>	<u>Net Expend- iture</u> \$'000	
City: Hamilton	39,599	5,373	4,024	30,202	16.86	31,169	12,460	18,709	10.44	48,911	27.30
Towns:											
Dundas	1,446	126	255	1,065	13.95	1,828	865	963	12.60	2,028	26.55
Stoney Creek	592	52	145	395	10.87	780	393	377	10.67	782	21.54
Towns - Total	2,038	178	400	1,460	12.96	2,608	1,258	1,350	11.98	2,810	24.94
Village: Waterdown	202	20	44	138	14.35	259	130	129	13.43	267	27.78
Townships:											
Ancaster	1,053	160	157	736	11.47	2,118	1,153	965	15.04	1,701	26.51
Beverly	242	69	13	160	5.51	637	368	269	9.25	429	14.76
Binbrook	182	48	1	133	9.41	381	228	153	10.80	286	20.21
East Flamborough	311	69	78	164	6.87	640	358	282	11.80	446	18.67
West Flamborough	325	74	7	244	6.45	903	462	441	11.67	685	18.12

Glanford	220	64	2	154	6.02	698	514	184	7.23	338	13.25
Saltfleet	1,549	228	398	923	11.97	2,669	1,460	1,209	15.68	2,132	27.65
Total - Townships	3,882	712	656	2,514	9.25	8,046	4,543	3,503	12.89	6,017	22.14
Total - Towns, Village & Townships	6,122	910	1,100	4,112	10.44	10,913	5,931	4,982	12.65	9,094	23.09
Sub-Total	45,721	6,283	5,124	34,314	15.70	42,082	18,391	23,691	10.84	58,005	26.54
County:											
Wentworth	1,794	147	374	1,273	3.23	--	--	--	--	1,273	3.23
Sub-Total (Adjusted)	45,635 <sup>1</sup> / <sub>1</sub>	6,430	4,900 <sup>2</sup> / <sub>2</sub>	34,305 <sup>3</sup> / <sub>3</sub>	15.70	42,082	18,391	23,691	10.84	57,996 <sup>3</sup> / <sub>3</sub>	26.54
Town:											
Burlington	7,334	910	1,354	5,070	13.26	8,608	3,817	4,791	12.53	9,861	25.79
Study Area Total (Adj.)	52,906 <sup>4</sup> / <sub>4</sub>	7,340	6,191 <sup>4</sup> / <sub>4</sub>	39,375	15.33	50,690	22,208	28,482	11.09	67,857	26.42
Town:											
Grimsby	655	72	101	482	14.72	766	393	373	11.40	855	26.12
Township:											
North Grimsby	533	91	89	353	10.91	817	464	353	10.90	706	21.81

Eliminated to avoid double accounting: 1 / \$1,879,530; 2 / \$598,171; 3 / \$1,281,359; 4 / \$62,642.  
 NOTE: Expenditures exclude surplus or deficit balances and large extraordinary non-recurring items.



TABLE 6 - 10  
NET EXPENDITURES PER \$1000 OF EQUALIZED TAXABLE ASSESSMENT - 1966

Municipality	General Govern-ment	Protection to Persons & Property	Public Works, Sanitation & Waste Removal			Health	Welfare		Recreation & Community Service	Sundry	Police Village & County Rates	Total	Equalized Taxable Assessment \$'000
			Public Works	Sanitation	Sub-Total		\$	\$					
City:													
Hamilton	1.97	5.32	2.92	2.73	5.65	1.57	0.80	1.58	0.65	--	--	17.54	1,791,382
Towns:													
Dundas	1.84	4.12	1.99	2.41	4.40	-(0.01)	--	1.03	0.23	3.07	3.07	14.68	76,395
Stoney Creek	2.22	2.12	0.88	1.09	1.97	--	--	2.01	0.22	3.03	3.03	11.57	36,262
Total - Towns	1.96	3.48	1.63	1.99	3.62	-(0.01)	--	1.34	0.23	3.06	3.06	13.68	112,657
Village:													
Waterdown	3.58	3.21	0.43	3.40	3.83	--	--	0.40	0.48	3.43	3.43	14.93	9,630
Townships:													
Ancaster	2.93	2.08	1.20	0.13	1.33	--	0.06	1.86	0.26	3.70	3.70	12.22	64,162
Beverly	1.04	0.07	1.83	0.05	1.88	--	--	0.27	0.12	2.75	2.75	6.13	29,078
Binbrook	2.93	0.59	2.41	0.04	2.45	--	--	0.36	0.41	3.29	3.29	10.03	14,122
East Flamborough	1.46	0.68	1.69	-(0.01)	1.68	--	--	0.25	0.15	3.26	3.26	7.48	23,875
West Flamborough	1.28	0.79	1.38	0.05	1.43	--	0.01	0.29	0.01	3.28	3.28	7.09	37,839
Glanford	1.21	0.47	2.01	0.02	2.03	--	--	--	0.08	2.89	2.89	6.68	25,499
Saltfleet	4.36	1.85	1.40	0.33	1.73	-(0.01)	--	1.08	0.39	3.37	3.37	12.77	77,154
Total - Townships	2.61	1.27	1.53	0.14	1.67	--	0.01	0.86	0.23	3.31	3.31	9.96	271,729

Total - Towns, Village & Townships	2.45	1.95	1.53	0.75	2.28	--	0.01	0.98	0.23	3.24	11.14	394,017
Sub-Total	2.06	4.71	2.67	2.37	5.04	1.29	0.65	1.47	0.58	0.59	16.39	2,185,399
County: Wentworth	0.25	0.70	0.66	--	0.66	0.72	0.59	0.21	0.10	--	3.23	394,017
Sub-Total (Adjusted)	2.10	4.84	2.79	2.37	5.16	1.42	0.76	1.51	0.59	--	16.38	2,185,399
Town: Burlington	1.56	3.08	2.39	2.59	4.98	0.66	0.13	1.48	0.04	1.87	13.80	382,332
Total - Study Area (Adjusted)	2.02	4.58	2.73	2.40	5.13	1.31	0.67	1.50	0.51	0.28	16.00	2,567,730
Town: Grimsby	2.31	3.30	1.14	1.06	2.20	0.08	0.40	1.24	1.43	4.37	15.33	32,740
Township: North Grimsby	1.72	1.99	1.98	0.13	2.11	0.20	0.16	0.86	0.19	4.36	11.99	32,368

Source: Financial statements of municipalities mentioned.

Prepared by: Municipal Research Branch,  
Ontario Department of Municipal Affairs.

TABLE 6 - 11

EXPENDITURES - PROTECTION TO PERSONS AND PROPERTY - 1966

Municipality	Protection \$	Debt Charges \$	Capital from Revenue \$	Provis- ion for Reserves \$	Sub- Total \$	Joint or Special Expen- ditures \$	Gross Total \$	Prov- incial Grants Attrib- uted \$	Debt Char- ges Re- cover- able \$	Other Recover- ables \$	Reser- ves into Revenue \$	Net Expend- itures \$
City: Hamilton	9,558,776	233,835	145,187	--	379,022	--	9,937,798	226,736	--	181,408	--	9,529,654
Towns:												
Dundas	307,591	3,686	8,197	--	11,883	--	319,474	4,800	--	--	--	314,674
Stoney Creek	80,902	--	--	--	--	--	80,902	3,961	--	--	--	76,941
Total - Towns	388,493	3,686	8,197	--	11,883	--	400,376	8,761	--	--	--	391,615
Village: Waterdown	28,810	4,200	--	--	4,200	--	33,010	1,051	--	1,024	--	30,935
Townships:												
Ancaster	128,148	4,024	2,604	--	6,628	10,353	145,129	1,001	--	10,397	--	133,731
Beverly	2,192	--	--	--	--	6,091	8,283	--	--	6,091	--	2,192
Binbrook	6,357	2,115	--	--	2,115	--	8,472	15	--	142	--	8,315
East Flamborough	16,771	436	--	--	436	419	17,626	--	--	1,312	--	16,314
West Flamborough	14,685	--	15,555	--	15,555	--	30,240	84	--	167	--	29,989
Glanford	14,184	--	--	--	--	--	14,184	54	--	2,074	--	12,056
Saltfleet	140,903	2,838	4,045	--	6,883	963	148,748	718	--	5,371	--	142,659
Total - Townships	323,239	9,413	22,204	--	31,617	17,826	372,682	1,872	--	25,554	--	345,256

Total - Towns, Village & Townships	740,542	17,299	30,401	--	47,700	17,826	806,068	11,684	--	26,572	--	767,806
Sub-Total	10,299,318	251,134	175,588	--	426,722	17,826	10,743,866	238,420	--	207,986	--	10,297,460
County:												
Wentworth	410,264	86,223	--	--	86,223	--	496,487	4,276	--	214,790	--	277,421
Sub-Total (Adj.)	10,332,728	337,357	175,588	--	512,945	17,826	10,863,499	242,696	--	45,922	--	10,574,881
Town:												
Burlington	1,027,077	32,051	32,631	15,077	79,759	84,762	1,191,598	11,112	--	2,175	--	1,178,311
Total-Study Area (Adjusted)	11,359,805	369,408	208,219	15,077	592,704	102,588	12,055,097	253,808	--	48,097	--	11,753,192
Town:												
Grimsby	102,027	5,514	--	2,500	8,014	--	110,041	2,140	--	--	--	107,901
Township:												
North Grimsby	52,229	5,294	4,144	2,500	11,938	1,678	65,845	14	--	1,342	--	64,489

1/ \$376,854 eliminated to avoid double accounting of municipal transfers.

Source: Financial statements of the municipalities mentioned. Prepared by: Municipal Research Branch,  
Ontario Department of Municipal Affairs.

TABLE 6 - 11 (cont'd)  
PROTECTION TO PERSONS AND PROPERTY - 1966  
DETAILS OF GROSS EXPENDITURE

	POLICE			FIRE			
	Operating \$	Capital (Debt Charges, Capital from Revenue and Reserves) \$	Total \$	Operating \$	Capital (Debt Charges, Capital from Revenue and Reserves) \$	Special Area Rates \$	Total \$
Municipalities							
City:							
Hamilton	3,962,080	10,840	3,972,920	2,993,106	32,958	--	3,026,064
Towns:							
Dundas	159,965	--	159,965	82,867	3,686	--	86,553
Stoney Creek	55,709	--	55,709	10,345	--	--	10,345
Total - Towns	215,674	--	215,674	93,212	3,686	--	96,898
Village:							
Waterdown	18,466	--	18,466	2,373	4,200	--	6,573
Townships:							
Ancaster	81,013	1,320	82,333	18,707	5,308	--	24,015
Beverly	--	--	--	2,192	--	5,791	7,983
Binbrook	--	--	--	5,567	2,115	--	7,682
East Flamborough	--	--	--	8,001	--	--	8,001
West Flamborough	--	--	--	13,632	15,555	--	29,187



Glanford	1,845	--	1,845	8,058	--	8,058
Saltfleet	107,187	4,045	111,232	22,528	--	25,366
Total - Townships	190,045	5,365	195,410	78,685	5,791	110,292
Total - Towns, Village & Townships	424,185	5,365	429,550	174,270	5,791	213,763
Sub-Total	4,386,265	16,205	4,402,470	3,167,376	5,791	3,239,827
County: Wentworth	--	--	--	--	--	--
Sub-Total (Adjusted)	4,386,265	16,205	4,402,470	3,167,376	5,791	3,239,827
Town: Burlington	556,155	32,285	588,440	339,746	--	375,260
Total - Study Area (Adjusted)	4,942,420	48,490	4,990,910	3,507,122	5,791	3,615,087
Town: Grimsby	68,668	--	68,668	12,989	--	21,003
Township: North Grimsby	28,835	--	28,835	8,165	--	15,959

TABLE 6 - 11 (cont'd)

PROTECTION TO PERSONS AND PROPERTY - 1966  
DETAILS OF GROSS EXPENDITURES

	ADMINISTRATION OF JUSTICE			OTHER 1/		
	<u>Operating</u> \$	<u>Capital</u> (Debt Charges, Capital from Revenue and Reserves) \$	<u>Total</u> \$	<u>Capital</u> (Debt Charges, Capital from Revenue and Reserves) \$	<u>Special</u> Area Rates \$	<u>Total</u> \$
<u>Municipalities</u>						
City:						
Hamilton	1,072,368	270,224 2/	1,342,592	65,000	--	1,596,222
Towns:						
Dundas	2,015	--	2,015	8,197	--	70,941
Stoney Creek	--	--	--	--	--	14,848
Total - Towns	2,015	--	2,015	8,197	--	85,789
Village:						
Waterdown	--	--	--	--	--	7,971
Townships:						
Ancaster	--	--	--	--	10,353	38,781
Beverly	--	--	--	--	300	300
Binbrook	--	--	--	--	--	790
East Flamborough	--	--	--	436	419	9,625
West Flamborough	25	--	25	--	--	1,028

Glanford	--	--	--	4,281	--	--	4,281
Saltfleet	--	--	--	11,187	--	963	12,150
Total - Townships	25	--	25	54,484	436	12,035	66,955
Total - Towns, Village and Townships	2,040	--	2,040	140,047	8,633	12,035	160,715
Sub-Total	1,074,408	270,224	1,344,632	1,671,269	73,633	12,035	1,756,937
County:							
Wentworth	373,834	86,223	460,057	36,430	--	--	36,430
Sub-Total (Adjusted)	1,187,583 <u>3/</u>	356,447	1,544,030 <u>3/</u>	1,591,504 <u>4/</u>	73,633	12,035	1,677,172 <u>4/</u>
Town:							
Burlington	7,404	--	7,404	123,772	11,960	84,762	220,494
Total - Study Area (Adjusted)	1,194,987	356,447	1,551,434	1,715,276	85,593	96,797	1,897,666
Town:							
Grimsby	415	--	415	19,955	--	--	19,955
Township:							
North Grimsby	1,894	--	1,894	13,335	4,144	1,678	19,157

1/ Includes street lighting areas, Conservation Authorities & Registry Office.

2/ Includes some part for Registry Office.

3/ \$260,659 has been eliminated to avoid double accounting of payment to county by city (2A).

4/ \$116,195 has been eliminated to avoid the double accounting (Registry Office).

Source: Financial statements of the municipalities mentioned.

Prepared by: Municipal Research Branch,  
Ontario Department of Municipal Affairs.

TABLE 6 - 12

EXPENDITURES - PUBLIC WORKS - 1966

Municipality	Public Works \$	Debt Charges \$	Capital from Revenue \$	Provi- sion for Reser- ves \$	Sub- Total \$	Joint or Special Expen- ditures \$	Gross Total \$	Provincial Grants Attributed \$	Debt Charges Re- cover- able \$	Other Recover- ables \$	Reser- ves in- to Re- venue \$	Net Expend- itures \$
City:												
Hamilton	2,898,609	2,492,163	1,861,332	--	4,353,495	--	7,252,104	799,571	--	1,229,225	--	5,223,308
Towns:												
Dundas	168,353	71,765	2,710	27,923	102,398	--	270,751	59,375	6,415	44,895	8,115	151,951
Stoney Creek	62,992	4,635	--	--	4,635	--	67,627	21,055	--	14,692	--	31,880
Total - Towns	231,345	76,400	2,710	27,923	107,033	--	338,378	80,430	6,415	59,587	8,115	183,831
Village:												
Waterdown	13,926	--	--	--	--	--	13,926	7,718	--	2,029	--	4,179
Townships:												
Ancaster	176,535	604	15,498	--	16,102	--	192,637	91,348	--	24,364	--	76,925
Beverly	78,194	1,381	26,058	--	27,439	--	105,633	50,979	--	1,381	--	53,273
Binbrook	48,504	--	24,202	--	24,202	--	72,706	38,634	--	--	--	34,072
East Flamborough	91,176	160	--	--	160	--	91,336	50,908	--	160	--	40,268
West Flamborough	89,925	3,312	10,202	--	13,514	--	103,439	49,561	--	1,733	--	52,145
Glanford	98,364	--	--	--	--	--	98,364	47,235	--	--	--	51,129
Saltfleet	244,742	296	14,738	--	15,034	--	259,776	151,084	--	290	--	108,402
Total - Townships	827,440	5,753	90,698	--	96,451	--	923,891	479,749	--	27,928	--	416,214

Total - Towns, Village & Townships	1,072,711	82,153	93,408	27,923	203,484	--	1,276,195	567,897	6,415	89,544	8,115	604,224
Sub-Total	3,971,320	2,574,316	1,954,740	27,923	4,556,979	--	8,528,299	1,367,468	6,415	1,318,769	8,115	5,827,532
County:												
Wentworth	310,692	--	--	--	--	--	310,692	10,275	--	42,567	--	257,850
Sub-Total (Adjusted)	4,229,728	2,574,316	1,954,740	27,923	4,556,979	--	8,786,707	1,377,743	6,415	1,309,052	8,115	6,085,382
Town:												
Burlington	1,420,502	90,636	12,082	219,062	321,780	--	1,742,282	596,612	--	156,853	73,839	914,978
Total - Study Area (Adjusted)	5,650,230	2,664,952	1,966,822	246,985	4,878,759	--	10,528,989	1,974,355	6,415	1,465,905	81,954	7,000,360
Town:												
Grimsby	70,768	2,110	10,928	--	13,038	--	83,806	22,185	--	24,402	--	37,219
Township:												
North Grimsby	119,910	1,036	--	--	1,036	--	120,946	55,834	--	1,036	--	64,076

1/ \$52,284 eliminated to avoid double accounting of inter-municipal transfers.

Prepared by: Municipal Research Branch,  
Ontario Department of Municipal Affairs.



TABLE 6 - 13

EXPENDITURES - SANITATION AND WASTE REMOVAL - 1966

Municipality	Sanitation and Waste Removal \$	Debt Charges \$	Capital from Revenue \$	Provi- sion for Reser- ves \$	Sub- Total \$	Joint or Special Expen- ditures \$	Gross Total \$	Provincial Grants Attributed \$	Debt Charg- es Re- cover- able \$	Other Recover- ables \$	Reser- ves in- to Re- venue \$	Net Expend- itures \$
City: Hamilton	2,941,917	2,221,617	111,305	--	2,332,922	--	5,274,839	--	--	385,458	--	4,889,381
Towns:												
Dundas	135,942	67,879	10,026	--	77,905	--	213,847	--	--	29,672	--	184,175
Stoney Creek	49,921	28,199	5,515	--	33,714	--	83,635	--	--	43,925	--	39,710
Total - Towns	185,863	96,078	15,541	--	111,619	--	297,482	--	--	73,597	--	223,885
Village:												
Waterdown	25,299	25,047	9,137	--	34,184	--	59,483	--	--	26,732	--	32,751
Townships:												
Ancaster	8,238	--	--	--	--	21,189	29,427	--	--	21,189	--	8,238
Beverly	1,319	--	--	--	--	--	1,319	--	--	--	--	1,319
Binbrook	520	--	--	--	--	--	520	--	--	--	--	520
East Flamborough	--	--	--	--	--	3,600	3,600	--	--	3,838	--	-(238)1/
West Flamborough	1,909	--	--	--	--	--	1,909	--	--	--	--	1,909
Glanford	624	--	--	--	--	--	624	--	--	--	--	624
Saltfleet	48,615	64,704	6,897	--	71,601	--	120,216	--	7,480	87,466	--	25,270
Total - Townships	61,225	64,704	6,897	--	71,601	24,789	157,615	--	7,480	112,493	--	37,642

Total - Towns, Village & Townships	272,387	185,829	31,575	--	217,404	24,789	514,580	--	7,480	212,822	--	294,278
Sub-Total	3,214,304	2,407,446	142,880	--	2,550,326	24,789	5,789,419	--	7,480	598,280	--	5,183,659
County: Wentworth	--	--	--	--	--	--	--	--	--	--	--	--
Sub-Total (Adjusted)	3,214,304	2,407,446	142,880	--	2,550,326	24,789	5,789,419	--	7,480	598,280	--	5,183,659
Town: Burlington	516,984	632,295	25,000	--	657,295	--	1,174,279	--	--	185,171	--	989,108
Total - Study Area (Adjusted)	3,731,288	3,039,741	167,880	--	3,207,621	24,789	6,963,698	--	7,480	783,451	--	6,172,767
Town: Grimsby	32,447	33,537	--	--	33,537	--	65,984	--	--	31,160	--	34,824
Township: North Grimsby	1,808	37,444	--	--	37,444	5,222	44,474	--	--	40,228	--	4,246

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1/ Overlevy - deferred revenue.

TABLE 6 - 14

AREA DISTRIBUTION OF NET TOTAL EXPENDITURES - 1966

Municipality	General Govern-ment %	Protection to Persons & Property %	Public Works, Sanitation & Waste Removal			Health %	Welfare %	Recreation & Community Service %	Sundry %	Police Village & County Rates %	Total %
			Public Works %	Sani-tation %	Total %						
City: Hamilton	68.1	81.1	74.6	79.2	76.8	84.1	83.4	73.1	89.1	--	76.5
Towns:											
Dundas	2.7	2.7	2.2	3.0	2.6	--	--	2.0	1.3	32.8	2.7
Stoney Creek	1.5	0.6	0.4	0.6	0.5	--	--	1.9	0.6	15.4	1.1
Total - Towns	4.2	3.3	2.6	3.6	3.1	--	--	3.9	1.9	48.2	3.8
Village: Waterdown	0.7	0.3	0.1	0.6	0.3	--	--	0.1	0.4	4.6	0.3
Townships:											
Ancaster	3.6	1.1	1.1	0.1	0.6	--	0.2	3.1	1.3	33.3	1.9
Beverly	0.6	--	0.8	--	0.4	--	--	0.2	0.3	11.2	0.4
Binbrook	0.8	0.1	0.5	--	0.3	--	--	0.1	0.4	6.5	0.4
East Flamborough	0.7	0.1	0.6	--	0.3	--	--	0.2	0.3	10.9	0.4
West Flamborough	0.9	0.3	0.7	0.1	0.4	--	--	0.3	--	17.4	0.7
Glanford	0.6	0.1	0.7	--	0.4	--	--	--	0.2	10.3	0.4
Saltfleet	6.5	1.2	1.5	0.4	1.0	--	--	2.1	2.3	36.4	2.4
Total - Townships	13.7	2.9	5.9	0.6	3.4	--	0.2	6.0	4.8	126.0	6.6

Total - Towns, Village & Townships	18.6	6.5	8.6	4.8	6.8	--	0.2	10.0	7.1	178.8	10.7
Sub-Total	86.7	87.6	83.2	84.0	83.6	84.1	83.6	83.1	96.2	178.8	87.2
County: Wentworth	1.9	2.4	3.7	--	1.9	8.4	13.5	2.2	3.0	--	3.1
Sub-Total (Adjusted)	88.6	90.0	86.9	84.0	85.5	92.5	97.1	85.3	98.9 1/	0.1 2/	87.2 3/
Town: Burlington	11.4	10.0	13.1	16.0	14.5	7.5	2.9	14.7	1.1	99.9	12.8
Total - Study Area (Adjusted)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Eliminations to avoid double accounting of inter-municipal transfers are as follows:-

1/ 0.3%  
2/ 178.7%  
3/ 3.1% (all county rates paid to Wentworth County).

Prepared by: Municipal Research Branch,  
 Ontario Department of Municipal Affairs.

TABLE 6 - 15

NET LONG TERM DEBT OUTSTANDING  
AS A PERCENTAGE OF EQUALIZED TAXABLE ASSESSMENT - 1966

Municipality	Equalized Taxable Assessment \$'000	GeneralNet Debture Outstanding \$	Liability to O.W.R.C. \$	General + O.W.R.C.		Schools		General + Schools		Percent- age Dis- tribution %
				Total \$	as a % of E.T.A. %	Total \$	as a % of E.T.A. %	Total \$	as a % of E.T.A. %	
City:										
Hamilton	1,791,382	49,689,509	--	49,689,509	2.77	25,686,030	1.43	75,375,539	4.20	68.5
Towns:										
Dundas	76,395	995,609	336,656	1,332,265	1.74	2,303,110	3.01	3,635,375	4.75	3.3
Stoney Creek	36,262	369,216	--	369,216	1.01	1,283,132	3.53	1,652,348	4.54	1.5
Total - Towns	112,657	1,364,825	336,656	1,701,481	1.51	3,586,242	3.18	5,287,723	4.69	4.8
Village:										
Waterdown	9,630	134,353	260,750	395,103	4.10	234,692	2.43	629,795	6.53	0.6
Townships:										
Ancaster	64,162	14,800	189,556	204,356	0.31	2,425,160	3.77	2,629,516	4.08	2.4
Beverly	29,078	--	--	--	--	510,430	1.75	510,430	1.75	0.5
Binbrook	14,122	--	--	--	--	463,264	3.28	463,264	3.28	0.4
East Flamborough	23,875	1,150	--	1,150	0.00	659,332	2.76	660,482	2.76	0.6
West Flamborough	37,839	74,498	--	74,498	0.19	1,145,878	3.02	1,220,376	3.21	1.1
Glanford	25,499	--	--	--	--	914,281	3.58	914,281	3.58	0.8
Saltfleet	77,154	170,000	989,182	1,159,182	1.50	2,755,165	3.57	3,914,347	5.07	3.6
Total - Townships	271,729	260,448	1,178,738	1,439,186	0.52	8,873,510	3.26	10,312,696	3.78	9.4



Total - Towns, Village & Townships	394,017	1,759,626	1,776,144	3,535,770	0.89	12,694,444	3.22	16,230,214	4.11	14.8
Sub-Total	2,185,399	51,449,135	1,776,144	53,225,279	2.43	38,380,474	1.75	91,605,753	4.18	83.3
County: Wentworth	--	961,900	--	961,900	--	--	--	961,900	--	0.9
Sub-Total	2,185,399	52,411,035	1,776,144	54,187,179	2.47	38,380,474	1.75	92,567,653	4.22	84.2
Town: Burlington	382,332	4,073,493	2,151,074	6,224,567	1.62	11,203,668	2.93	17,428,235	4.55	15.8
Total - Study Area	2,567,730	56,484,528	3,927,218	60,411,746	2.35	49,584,142	1.93	109,995,888	4.28	100.0
Town: Grimsby	32,740	202,582	140,031	342,613	1.04	867,450	2.64	1,210,063	3.68	
Township: North Grimsby	32,368	228,905	--	228,905	0.70	738,422	2.28	967,327	2.98	

Source: Previous Tables.

Prepared by: Municipal Research Branch,  
Ontario Department of Municipal Affairs.

TABLE 6 - 16

NET LONG TERM DEBT OUTSTANDING  
AS A PERCENTAGE OF EQUALIZED TAXABLE ASSESSMENT - 1961

Municipality	Equalized Taxable Assessment \$'000	GeneralNet Debt Outstanding \$	Liability to O.W.R.C. \$	General / O.W.R.C.		Schools		General / Schools		Percent- age Dis- tribution %
				Total \$	as a % of E. T. A. %	Total \$	as a % of E. T. A. %	Total \$	as a % of E. T. A. %	
City: Hamilton	1,518,665	42,996,178	--	42,996,178	2.83	18,071,095	1.19	61,067,273	4.02	73.3
Towns:										
Dundas	62,088	113,609	341,866	455,475	0.73	1,769,018	2.85	2,224,493	3.58	2.7
Stoney Creek	30,308	253,948	--	253,948	0.84	700,548	2.31	954,496	3.15	1.1
Total - Towns	92,395	367,557	341,866	709,423	0.77	2,469,566	2.67	3,178,989	3.44	3.8
Village: Waterdown	7,566	43,000	--	43,000	0.57	187,266	2.47	230,266	3.04	0.3
Townships:										
Ancaster	63,771	30,200	192,719	222,919	0.35	2,978,870	4.67	3,201,789	5.02	3.8
Beverly	19,250	--	--	--	--	485,709	2.52	485,709	2.52	0.6
Binbrook	15,012	8,500	--	8,500	0.06	364,473	2.42	372,973	2.48	0.4
East Flamborough	20,920	10,200	--	10,200	0.05	633,759	3.02	643,959	3.07	0.8
West Flamborough	35,038	--	--	--	--	792,106	2.26	792,106	2.26	1.0
Glanford	18,882	--	--	--	--	514,162	2.72	514,162	2.72	0.6
Saltfleet	60,631	--	--	--	--	1,414,345	2.33	1,414,345	2.33	1.7
Total - Townships	233,504	48,900	192,719	241,619	0.10	7,183,424	3.07	7,425,043	3.17	8.9

Total - Towns, Village & Townships	333,466	459,457	534,585	994,042	0.30	9,840,256	2.95	10,834,298	3.25	13.0
Sub-Total	1,852,130	43,455,635	534,585	43,990,220	2.38	27,911,351	1.50	71,901,571	3.88	86.3
County: Wentworth	--	1,234,100	--	1,234,100	--	--	--	1,234,100	--	1.5
Sub-Total	1,852,130	44,689,735	534,585	45,224,320	2.44	27,911,351	1.50	73,135,671	3.94	87.8
Town: Burlington	273,020	1,611,695	1,031,517	2,643,212	0.97	7,548,355	2.76	10,191,567	3.73	12.2
Total - Study Area	2,125,150	46,301,430	1,566,102	47,867,532	2.25	35,459,706	1.67	83,327,238	3.92	100.0
Town: Grimsby	N/A	266,735	154,029	420,764	--	632,364	--	1,053,128	--	
Township: North Grimsby	N/A	65,339	--	65,339	--	915,925	--	981,264	--	

Source: Previous Tables

Prepared by: Municipal Research Branch,  
Ontario Department of Municipal Affairs.

TABLE 6 - 17

DEBT CHARGES AS A PERCENT OF TAX LEVIES - 1966

<u>Municipality</u>	<u>GENERAL</u>			<u>SCHOOLS</u>			<u>TOTAL</u>		
	<u>Tax Levy <sup>4/</sup></u> <u>\$</u>	<u>Debt Charges</u> <u>\$</u>	<u>Debt</u> <u>Charges</u> <u>as a %</u> <u>of Levy</u> <u>%</u>	<u>Tax Levy</u> <u>\$</u>	<u>Debt</u> <u>Charges</u> <u>\$</u>	<u>Debt</u> <u>Charges</u> <u>as a %</u> <u>of Levy</u> <u>%</u>	<u>Tax Levy <sup>4/</sup></u> <u>\$</u>	<u>Debt Charges</u> <u>\$</u>	<u>Debt</u> <u>Charges</u> <u>as a %</u> <u>of Levy</u> <u>%</u>
City:									
Hamilton	28,859,787	9,249,599	32.1	19,204,943	3,404,697	17.7	48,064,730	12,654,296	26.3
Towns:									
Dundas	1,021,794	295,445	28.9	942,926	233,838	24.8	1,964,720	529,283	26.9
Stoney Creek	443,263	83,160	18.8	386,365	114,500	29.6	829,628	197,660	23.8
Total - Towns	1,465,057	378,605	25.8	1,329,291	348,338	26.2	2,794,348	726,943	26.0
Village:									
Waterdown	134,426	44,008	32.7	126,829	34,457	27.2	261,255	78,465	30.0
Townships:									
Ancaster	749,343	53,331	7.1	858,919	322,275	37.5	1,608,262	375,606	23.4
Beverly	159,677	1,381	0.9	252,238	62,143	24.6	411,915	63,524	15.4
Binbrook	112,908	2,115	1.9	149,115	55,772	37.4	262,023	57,887	22.1
East Flamborough	169,225	63,238	37.4	279,378	80,225	28.7	448,603	143,463	32.0
West Flamborough	233,912	5,700	2.4	390,584	111,935	28.7	624,496	117,635	18.8
Glanford	122,683	--	--	349,307	22,075	6.3	471,990	22,075	4.5
Saltfleet	936,884	240,585	25.7	1,190,636	437,247	36.7	2,127,520	677,832	31.9
Total - Townships	2,484,632	366,350	14.7	3,470,177	1,091,672	31.5	5,954,809	1,458,022	24.5

Total - Towns, Village & Townships	4,084,115	788,963	19.3	4,926,297	1,474,467	29.9	9,010,412	2,263,430	25.1
Sub-Total	32,943,902	10,038,562	30.5	24,131,240	4,879,164	20.2	57,075,142	14,917,726	26.1
County:									
Wentworth	1,281,359	119,990	9.4	--	--	--	1,281,359	119,990	9.4
Sub-Total (Adjusted)	32,943,902	10,151,726	30.8	24,131,240	4,879,164	20.2	57,075,142	15,030,890	26.3
Town:									
Burlington	5,030,025	1,405,839	27.9	4,740,497	1,290,576	27.2	9,770,522	2,696,415	27.6
Total - Study Area (Adjusted)	37,973,927	11,494,923	30.3	28,871,737	6,169,740	21.4	66,845,664	17,664,663	26.4
Town:									
Grimsby	480,855	128,291	26.7	366,724	94,100	25.7	847,579	222,391	26.2
Township:									
North Grimsby	405,045	85,566	21.1	385,413	134,764	35.0	790,458	220,330	27.9

1/ \$6,826 has been eliminated to avoid double accounting.  
2/ \$62,642 has been eliminated to avoid double accounting.  
3/ County has been eliminated as it is reflected in the rates of local municipalities.  
4/ Includes Owners' share of local improvements and Special Area Rates.



TABLE 6 - 18

NEW DEBENTURE DEBT ISSUED - 1961 to 1966 - BY FUNCTION

Municipality	Drainage \$	% of Total %	Public Schools \$	% of Total %	Secondary Schools \$	% of Total %	General \$	1/ %	Utilities \$	1/ %	Total %	TOTAL \$
City:												
Hamilton	--	--	8,544,151	13.5	10,203,000	16.1	36,903,981	58.3	7,658,752	12.1	63,309,884	
Towns:												
Dundas	--	--	397,000	16.4	--	--	1,310,284	54.0	718,775	29.6	2,426,059	
Stoney Creek	--	--	545,000	63.4	--	--	314,902	36.6	--	--	859,902	
Total - Towns	--	--	942,000	28.7	--	--	1,625,186	49.5	718,775	21.9	3,285,961	
Village:												
Waterdown	--	--	--	--	--	--	107,353	58.9	75,000	41.1	182,353	
Townships:												
Ancaster	--	--	240,000	28.1	420,000	49.2	--	--	193,500	22.7	853,500	
Beverly	--	--	80,000	100.0	--	--	--	--	--	--	80,000	
Binbrook	--	--	--	--	--	--	--	--	--	--	--	
East Flamborough	1,300	.4	330,000	99.6	--	--	--	--	--	--	331,300	
West Flamborough	--	--	298,370	77.1	--	--	88,698	22.9	--	--	387,068	
Glanford	--	--	565,000	100.0	--	--	--	--	--	--	565,000	
Saltfleet	1,200	.1	569,900	39.6	61,000	4.2	652,920	45.3	155,586	10.8	1,440,606	
Total - Townships	2,500	.1	2,083,270	57.0	481,000	13.2	741,618	20.3	349,086	9.6	3,657,474	
Total - Towns, Village & Townships	2,500	.0	3,025,270	42.5	481,000	6.8	2,474,157	34.7	1,142,861	16.0	7,125,788	

Sub-Total	2,500	1.4	11,569,421	16.4	10,684,000	15.2	39,378,138	54.5	8,801,613	12.5	70,435,672
County: Wentworth	--	--	--	--	2,893,000	89.2	350,000	10.8	--	--	3,243,000
Sub-Total	2,500	.0	11,569,421	15.7	13,577,000	18.4	39,728,138	53.9	8,801,613	11.9	73,678,672
Town: Burlington	--	--	4,400,904	32.5	3,095,000	22.8	4,871,974	35.9	1,187,000	8.8	13,554,878
Total - Study Area	2,500	.0	15,970,325	18.3	16,672,000	19.1	44,600,112	51.1	9,988,613	11.5	87,233,550
Town: Grimsby	--	--	442,000	49.1	--	--	413,466	45.9	45,000	5.0	900,466
Township: North Grimsby	5,900	.7	425,740	48.7	--	--	443,116	50.7	--	--	874,756

1/ Includes Local Improvement Debentures.

Source: Financial statements of municipalities listed.

Prepared by: Municipal Research Branch,  
Ontario Department of Municipal Affairs.



## CHAPTER 7

### REVIEW PROCEDURE

With the publication of the Data Book of Basic Information the first stage of the review process has been completed. It is hoped that the information and statistical tables will assist in the preparation of submissions. The Data Book will also be useful in drafting the report and recommendations of the Commissioners.

#### Briefs or Written Submissions

The emphasis of the review at this stage now turns to public participation. In addition to submissions by municipalities, school boards and other local boards, the Commission desires to receive submissions from a broad cross section of organizations, groups and persons in the communities within the study area and adjoining areas. The submissions may be written or oral but the preference is for written statements.

Such briefs may contain any suggestions which the sponsor of the submission may have which, in a sponsor's opinion, would improve the organization and function of municipal government in the area under review, setting forth the reason for such recommendation. The wide scope of matters to be considered by the Commission are set out in the terms of reference (see Appendix "A").

During the course of the review, the Town of Grimsby and the Township of North Grimsby have requested the Commission to consider their relationship to the study area. Submissions in this connection will receive consideration by the Commission.

The Data Book of Basic Information is available for those interested persons or groups wishing statistical or background information in the preparation of their submissions.

## Public Hearings

The Commission will hold public hearings in convenient locations within the study area. Notice will be given of the time and place of hearings in the local press. Persons intending to make oral or written submissions should give notice of their intention by letter to:

Mr. Brian W. B. Morison, Q.C.,  
Assistant Commissioner and Secretary,  
Hamilton - Burlington - Wentworth  
Local Government Review Commission,  
36 James Street South,  
HAMILTON, Ontario.

It is anticipated that the hearings will commence in the Fall of 1968 and all written submissions or letters signifying an intention to appear should <sup>be</sup> lodged with the Secretary on or before September 16, 1968.

Five copies of each brief are required. Where possible, it would assist the Commission if 30 copies of the brief were filed. Those who have submitted briefs or requested an opportunity to appear before the Commission will be advised of the time and place at which they will be invited to make personal representation and discuss their submissions.

The hearings will be informal and will be designed to elicit the opinions of those persons as to the form of local government in the study area, the inter-relation of the municipalities in the study area and any other matters set out in the terms of reference.

## Final Report

On completion of the hearings the Commission will complete their overall review of the information submitted and collected. Thereafter a report will be prepared and submitted to the Minister of Municipal Affairs wherein the Commission will express their recommendations for the future municipal structure and organization relating to the study area.



## APPENDIX A

### TERMS OF REFERENCE

The terms of reference are contained in a letter dated August 29, 1967 in which The Honourable J. W. Spooner, then Minister of Municipal Affairs established the Hamilton - Burlington - Wentworth Local Government Review. An extract from the letter is presented below:

"I am pleased to announce that in accordance with the provisions of the legislation authorizing the Department to inaugurate investigations into any of the affairs of any municipality, or group of municipalities, I have today appointed a Commission consisting of Mr. Donald R. Steele, Q.C. as Chief Commissioner, and Messrs. E. A. Jarrett, C. A., and Brian W. Morison, Q.C., as Assistant Commissioners, to inquire into and report upon:

(a) The structure, organization, financing and methods of operation of all the municipalities and their local boards in the region composed of the County of Wentworth and the Town of Burlington, including the City of Hamilton and the County of Wentworth administration.

(b) The anticipated future development of the region which may require a revision and improvement in the present system of local government, future changes in boundaries and planned extension of services.

(c) A review of the economic, social, geographic and cultural factors of the proposed region and the effect upon the inter-relationship of the municipalities and the people therein.

(d) An analysis of the financial effect of a regional government.

(e) Any other matter relating to the structure of local government in the area."



## APPENDIX B

### EXPLANATORY NOTES GENERALIZED LAND USE MAPS

#### I Sources and Dates

(a) The Village of Waterdown and the Township of East Flamborough.

Existing - official plans of the municipalities.

Projected - official plans of the municipalities.

Dates - these are not specified.

(b) The County of Wentworth and the City of Hamilton (excluding the areas of Waterdown and East Flamborough ).

Existing - 1967; Hamilton - Wentworth Planning Area Board

Projected - 1980; Hamilton - Wentworth Planning Area Board

(except the City of Hamilton.

(c) The Town of Burlington

Existing - 1967; Planning Department of the Town of Burlington

Projected - basis 1980; Damas & Smith, Consulting Engineers

for the Burlington Draft Traffic Planning Report.

#### II Supplementary Comments:

(a) The Hamilton - Wentworth Planning Area Board has submitted the following comment supplemental to material supplied:

#### Explanatory Notes to the Proposed Land Use Map 1990

1. The proposed land use changes contemplated for 1990 in Saltfleet Township are based upon future approval of the new official plan (which is under preparation) and assuming also that the proposed H.O.M.E. development on the Mountain will be materialized.

2. The proposed H.O.M.E. development in Saltfleet - if materialized - will have effects on development in the northerly parts of Binbrook and Glanford Townships. Without urban services, limited residential growth is anticipated in the Townships of Binbrook and Glanford.

3. The provision of services in Ancaster Township may result in rapid development west of the City of Hamilton. The new Official Plan considerations are based on the provision of services. The review and updating of the Ancaster Official Plan is under preparation.

4. Extension of services in the unserved areas of the Town of Dundas will accelerate development in that area.

5. Limited residential growth without urban services is anticipated in the southerly parts of West Flamborough Township. With sanitary sewers and municipal watermains installed, this area would develop rapidly.

6. No extension of development is anticipated in Beverly Township, which is the only member municipality of the Hamilton - Wentworth Planning Area which has no common boundaries with the City of Hamilton.

(b) Projected Generalized Land Use for the City of Hamilton does not appear on Map 3 as it was not readily available from the Hamilton-Wentworth Planning Board nor the City of Hamilton Planning Department. Although considerable divergence from existing uses can be expected in local areas of the city, the predominant characteristics do not exhibit great change. Map 3, Projected Generalized Land use purports to estimate the degree of urbanization that will exist in the study area in approximately twenty years and is not intended to accurately catalogue patterns of land use.

(c) Because the Official Plan was the only source document for projected land use information for the Township of East Flamborough, it should be noted that the large residential area indicated on Map 3 about the area of <sup>Carlisle</sup>~~Clyde~~ is anticipated to be of very low density. As such, it is not completely consistent with the designation of residential areas elsewhere on this map.

(d) The Urban Service Area: In Maps 2, 3 and 4 a blue line is used to mark the boundary of what is conceived to be the area where urban services could most easily be extended. The portion that appears as a broken line indicates that in some areas the concept becomes rather artificial. In Burlington, directly below the Township of East Flamborough an area of rough terrain makes the provision of service costly as drainage

naturally follows numerous narrow ravines. In the rest of Burlington, the pattern of natural drainage is consistently from North to South, but extends for an area far above the anticipated extent of urbanization.

Note that on Map 4, the title of the Urban Service Area boundary was inadvertently omitted.





## APPENDIX C

### PATTERNS OF COMMUNITY INTEREST

This supplement of statistical information has been compiled to date and is presented below in tabular form without comment.

In the coming months, the Commission will obtain further basic information on the topic and will attempt to interpret the significance of the inter-relation of communities as revealed.

TABLE C - 1

1985 INTERZONAL TRAFFIC MOVEMENT 3/  
FROM HAMILTON AREA TRANSPORTATION PLAN

Origin of Trip		Hamilton City						
Zone	Area	Total Trips 1-58 & 122	Core 1-4	Centre 22	Industrial 27-33	Mountain 46-58	Remainder Hamilton 5-21, 23-26, 34-45 & 122	
100	Waterdown and East Flamborough (part)	3,044	648	39	300	516	1,573	
103	East Flamborough Remainder	1,899	471	19	134	222	1,071	
88	West Flamborough (part)	1,500	339	21	129	246	767	
97	403 to Escarpment (#6 to Burlington)	1,317	268	13	113	134	789	
90 & 91	Aldershot	9,238	1,780	87	822	1,260	5,289	
92 - 94 & 98	Burlington Core <u>1/</u>	13,813	721	237	1,756	1,280	7,842	
90 - 99, 101, 102, 104	Urban Burlington <u>1/</u>	36,178	4,263	553	4,440	3,438	23,239	
90 - 99, 101, 102, 104	Urban Burlington <u>2/</u>	36,178	4,263	553	4,440	3,438	23,239	

TABLE C-1 (cont'd)

<u>Origin of Trip</u>	<u>Burlington (Urban Only)</u>				<u>Total Trips</u>		
	<u>Area</u>	<u>Central 92-94, 98</u>	<u>Urban</u>		<u>Total</u>	<u>Internal</u>	<u>Inter-Zone</u>
			<u>QEW Area 99</u>	<u>Remainder 90, 91, 95 - 97 101, 102, 104</u>			
100	Waterdown & East Flamborough (part)	893	156	1, 241	2, 290	7, 903	181 7, 722
103	East Flamborough Remainder	845	142	928	1, 815	4, 772	58 4, 714
88	West Flamborough (part)	245	41	352	638	3, 982	10 3, 972
97	403 to Escarpment (#6 to Burlington)	1, 126	189	1, 249	2, 567	4, 915	20 4, 895
90 & 91	Aldershot	6, 329	1, 076	6, 360	13, 765	28, 656	2, 253 26, 403
92 - 94, & 98	Burlington Core <u>1</u> /	31, 694	4, 278	30, 575	66, 547	99, 094	31, 694 67, 400
90 - 99, 101, 102, 104	Urban Burlington <u>1</u> /	--	--	--	--	273, 323	156, 808 116, 515
90 - 99, 101, 102, 104	Urban Burlington <u>2</u> /	69, 870	16, 805	70, 092	156, 808	273, 323	156, 808 116, 515
<u>1</u> / Interzone trips only.		<u>2</u> / Total originating trips.		<u>3</u> / Note: Trips are vehicle trips.			

Source: Ontario Department of Highways  
Origin and Destination Tables.  
Hamilton Area Transportation Plan 1963.

Prepared by: Municipal Research Branch,  
Ontario Department of Municipal Affairs.

TABLE C - 2

PERCENTAGE DISTRIBUTION OF TRIPS TO & FROM SELECTED AREAS 3/

Origin of Trip		Hamilton City			Remainder			Burlington (Urban Only)				TOTAL
Zone	Area	Total Trips	Core 1-4	Centre 22	Industrial 27-33	Mountain 46-58	Hamilton 5-21, 23-26	QEW Area 99	Urban Re-mainder 90 91, 95-97, 101, 102, 104	Total Burlington 90-99, 101, 102, 104	%	
		%	%	%	%	%	%	%	%	%	%	
100	Waterdown & East Flamborough (part)	39	8	1	4	7	20	12	2	16	30	69
103	East Flamborough Remainder	40	10	--	3	5	23	18	3	20	39	79
88	West Flamborough (part)	38	9	1	3	6	19	6	1	9	16	54
97	403 to Escarpment (#6 to Burlington)	27	5	--	2	3	16	24	4	26	52	79
90 & 91	Aldershot	35	7	--	3	5	20	24	4	24	52	87
92-94, 98	Burlington Core 1/	14	1	--	2	1	8	32	4	31	65	79
90-99, 101 102, 104	Urban Burlington 1/	31	4	--	4	3	20	--	--	--	--	31
90-99, 101 102, 104	Urban Burlington 2/	13	2	--	2	1	9	26	6	26	57	70

1/ Interzone trips only.      2/ Total originating trips.      3/ Note: Trips are vehicle trips.  
Source: Ontario Department of Highways      Prepared by: Municipal Research Branch,  
Origin and Destination Tables      Ontario Department of Municipal Affairs.  
Hamilton Area Transportation Plan 1963.



TABLE C - 3

DISTRIBUTION OF PERSON TRIPS ORIGIN - BURLINGTON

Origin	Destination			% of Total Trips			% of Inter-District	
	Hamilton 55-61	All Other Districts 10-54, 62	Intra- District 1-9	Total	Inter- District 10-62	Hamilton 55-61	All Other Districts 10-54, 62	Intra- District 1-9
I Simulated Home to Work Person Trip Distribution 1985	16,003	14,528	25,160	55,691	30,531	28.7	26.1	45.2
II Simulated Home to Recreation Person Trip Distribution 1985	4,856	3,531	27,300	35,687	8,387	13.6	9.9	76.5
III Simulated Home to Shopping, Business and Other Person Trip Distribution 1985	8,353	10,483	48,925	67,761	18,836	12.3	15.5	72.2
IV Simulated Non-Home Based Person Trip Distribution 1985	2,443	3,122	22,429	27,994	5,565	8.7	11.2	80.1
V Totals (I - IV)	31,655	31,664	123,814	187,133	63,319	16.9	16.9	66.2
VI Totals (I - III)	29,212	28,542	101,385	159,139	57,754	18.4	17.9	63.7

NOTE: Boundaries of traffic zones need not coincide with municipal boundaries. As a result, the designation - Hamilton, is an approximation.

Source: Town of Burlington  
Draft Traffic Planning Report 1965 - 1985

Prepared by: Municipal Research Branch,  
Ontario Department of Municipal Affairs.

TABLE C - 4

INTERZONAL TRAFFIC MOVEMENT 1/  
FROM NIAGARA PENINSULA TO STUDY AREA

<u>Area</u>	<u>Zone Numbers</u>	<u>700</u>	<u>1004</u>	<u>1001, 1002 1003, 1004 1008</u>	<u>1009</u>	<u>701</u>	<u>500 501</u>	<u>300 to 322</u>	<u>Total 2/ Trips</u>
Grimsby and Township To Ridge Road	700								
	-1962	N.A.	5,016	8,028	1,528	*	396	754	11,726
	-1985	N.A.	13,700	28,208	5,984	*	1,478	2,254	42,173
North Grimsby Part	702								
	-1962	*	*	6	4	*	*	2	12
	-1985	*	*	26	16	*	*	13	55
North Grimsby Part	703								
	-1962	*	90	236	14	*	2	6	288
	-1985	*	246	1,384	54	*	13	21	1,638
Total									
	-1962	*	5,106	8,270	1,546	*	398	762	12,026
	-1985	*	13,946	29,618	6,054	*	1,491	2,298	43,866
Beamsville Area	701								
	-1962	*	696	1,034	308	*	1,462	1,140	4,808
	-1985	*	1,302	2,398	826	*	3,695	2,678	11,632

1/ Zones do not always coincide with municipal boundaries. The approximate coverage is: 300 - 322 St. Catharines; 500 - 501 Vineland to St. Catharines; 701 Beamsville and Area; 702 Part of North Grimsby Township; 703 Part of North Grimsby Township abutting Saltfleet above Ridge Road; 1004 Hamilton City; 1001 - 1008 Approximately Wentworth County; 1009 Burlington and East.

2/ Total Trips are two-way, Summer Average Daily Traffic. i.e., total calculated volume for July and August  
All trips that are origin-home in the traffic zone that leave the zone (multiplied x 2 for return trip) are included  
\*Not significant.

NOTE: Trips are vehicle trips.

TABLE C - 5

PERCENTAGE DISTRIBUTION INTERZONAL TRAFFIC MOVEMENT

Area	Zone Numbers %	Hamilton %	Wentworth Area %	Burlington and East %	Beamsville Area %	Vineland Area %	St. Catharines %
Grimsby and Township to Ridge Road	700						
	-1962	43	68	13	*	3	6
	-1985	32	67	14	*	4	5
North Grimsby Part	702						
	-1962	*	50	33	*	*	17
	-1985	*	47	39	*	*	24
North Grimsby Part	703						
	-1962	31	82	5	*	1	2
	-1985	15	84	3	*	1	2
Total							
	-1962	42	68	13	*	3	6
	-1985	32	67	14	*	3	5
Beamsville Area	701						
	-1962	14	22	6	*	30	24
	-1985	11	21	7	*	32	23

\* Not significant.

Source: Ontario Department of Highways  
Niagara Peninsula Planning Study  
(Based on previous tables).

Prepared by: Municipal Research Branch,  
Ontario Department of Municipal Affairs.

TABLE C - 6

PERCENTAGE DISTRIBUTION OF INTER-LOCAL CALLS

	Ancaster	Binbrook	Burlington	Dundas	Freelton	Hamilton	Galt	Grimsby	Lynden	Mount Hope	Stoney Creek	Waterdown	Winona	Oakville	Total Sample
	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
Total Sample	5.3	1.9	18.8	8.3	1.0	41.6	.6	1.9	.6	2.2	8.2	4.2	2.9	2.5	100.0
Calls	--	.4	3.6	11.1	.1	76.9	.2	.2	2.0	2.7	1.0	.9	.3	.5	100.0
Ancaster	1.4	--	3.3	1.0	.1	65.0	.1	.9	.1	7.8	17.2	.4	2.5	.4	100.0
Binbrook	1.2	.3	--	2.6	.3	80.6	.3	.6	.1	.3	2.4	4.2	.8	6.3	100.0
Burlington	7.8	.2	5.5	--	1.8	73.9	.5	.3	2.5	.4	.9	5.5	.3	.5	100.0
Dundas	1.0	.6	7.1	10.8	--	50.9	2.7	.2	1.0	.2	.6	24.2	.2	.5	100.0
Freelton	9.4	3.0	35.9	15.0	1.0	--	0.9	2.5	.6	4.1	15.3	6.2	3.5	2.6	100.0
Hamilton	1.4	.6	8.6	5.3	3.9	65.3	--	.8	5.8	.3	.8	2.5	.3	4.3	100.0
Galt	.8	1.2	6.8	1.0	.1	54.1	.4	--	.1	.3	8.5	.8	24.9	1.2	100.0
Grimsby	17.3	.5	2.7	26.0	.5	45.5	4.1	.3	--	.5	.5	1.4	.3	.5	100.0
Lynden	6.6	6.6	2.4	1.0	.1	80.0	--	.3	.1	--	1.3	.9	.5	.2	100.0
Mount Hope	.7	3.6	4.9	1.0	.1	78.2	.1	1.7	.0	.5	--	.4	8.4	.4	100.0
Stoney Creek	1.3	.3	21.2	9.5	6.2	58.4	.3	.3	.2	.3	.7	--	.3	1.0	100.0
Waterdown	.6	1.6	3.8	.9	.1	53.9	.1	15.6	.0	.4	22.1	.4	--	.5	100.0
Winona	1.8	.3	57.0	2.1	.2	32.5	.4	.9	--	.2	1.9	2.0	.7	--	100.0
Oakville															

NOTE: Material prepared on assumption that toll charges are applied on all calls. Prepared from a 10-day sample of business day calling (1966).

Source: Bell Telephone Company of Canada.

Prepared by: Municipal Research Branch,  
Ontario Department of Municipal Affairs.

TABLE C-7

DISTRIBUTION OF CALLS TO SELECTED URBAN AREAS FROM EXCHANGES IN STUDY AREA: JULY 1966

	Brantford	Guelph	Kitchener	St. Catharines	Toronto	Sample	
						Total	Toronto
							%
Ancaster	504	62	207	144	607	1,524	39.8
Binbrook	57	9	24	40	129	259	49.8
Burlington	727	526	1,337	1,039	7,019	10,648	65.9
Dundas	333	206	388	165	1,255	2,347	53.5
Freelton	32	165	51	8	74	330	22.4
Hamilton	6,701	2,936	7,828	8,256	33,291	59,012	56.4
Lynden	--	30	41	16	65	152	42.8
Mt. Hope	77	12	44	21	154	308	50.0
Stoney Creek	153	80	225	429	811	1,698	47.8
Waterdown	95	148	156	93	507	999	50.8
Winona	60	32	66	331	402	891	45.1
Total	8,739	4,206	10,367	10,542	44,314	78,168	56.7
							100.0

Source: Bell Telephone Company of Canada data based on a representative ten business day study.

Prepared by: Municipal Research Branch  
Ontario Department of Municipal Affairs



TABLE C - 8

PLACE OF HOSPITALIZATION OF RESIDENTS (1966)

<u>County &amp; Township</u>	<u>Hospital Centre</u>	<u>**Total Cases</u>	<u>% To Total</u>	<u>**Total Days</u>	<u>% To Total</u>
City: Hamilton					
	Hamilton	43,897	96.0	495,704	96.3
	Burlington	620	1.4	5,782	1.1
	Grimsby	18	*	156	*
	Toronto	413	.9	6,462	1.3
	Remainder	800	1.7	6,887	1.3
	Total	45,748	100.0	514,991	100.0
Towns: Dundas 1/	--	--	--	--	--
Stoney Creek					
	Hamilton	1,692	81.0	15,346	79.9
	Burlington	296	14.2	2,727	14.2
	Grimsby	20	1.0	92	.5
	Toronto	24	1.1	494	2.6
	Remainder	57	2.7	542	2.8
	Total	2,089	100.0	19,201	100.0
Village: Waterdown 2/	--	--	--	--	--

Townships:  
Ancaster

Hamilton	1,612	86.2	15,670	84.8
Burlington	5	.3	26	.1
Brantford	193	10.3	2,208	12.0
Toronto	22	1.2	210	1.1
Remainder	37	2.0	358	2.0
Total	1,869	100.0	18,472	100.0

Beverly

Hamilton	90	19.8	730	14.3
Burlington	4	.9	49	1.0
Brantford	245	54.0	3,241	63.6
Galt	78	17.2	698	13.7
Paris	11	2.4	12	.2
Toronto	11	2.4	121	2.4
Remainder	15	3.3	216	4.8
Total	454	100.0	5,097	100.0

Binbrook

Hamilton	223	91.4	2,109	93.0
Burlington	5	2.0	46	2.0
Grimsby	1	.4	3	.1
Hagersville	5	2.0	31	1.4
Toronto	7	2.9	67	3.0
Remainder	3	1.3	11	.5
Total	244	100.0	2,267	100.0

East Flamborough  
(Waterdown)

Hamilton	205	29.8	2,348	34.8
Burlington	446	64.9	3,992	59.2
Toronto	12	1.7	225	3.3
Remainder	24	3.6	176	2.7
Total	687	100.0	6,741	100.0

TABLE C - 8 (cont'd)

PLACE OF HOSPITALIZATION OF RESIDENTS (1966)

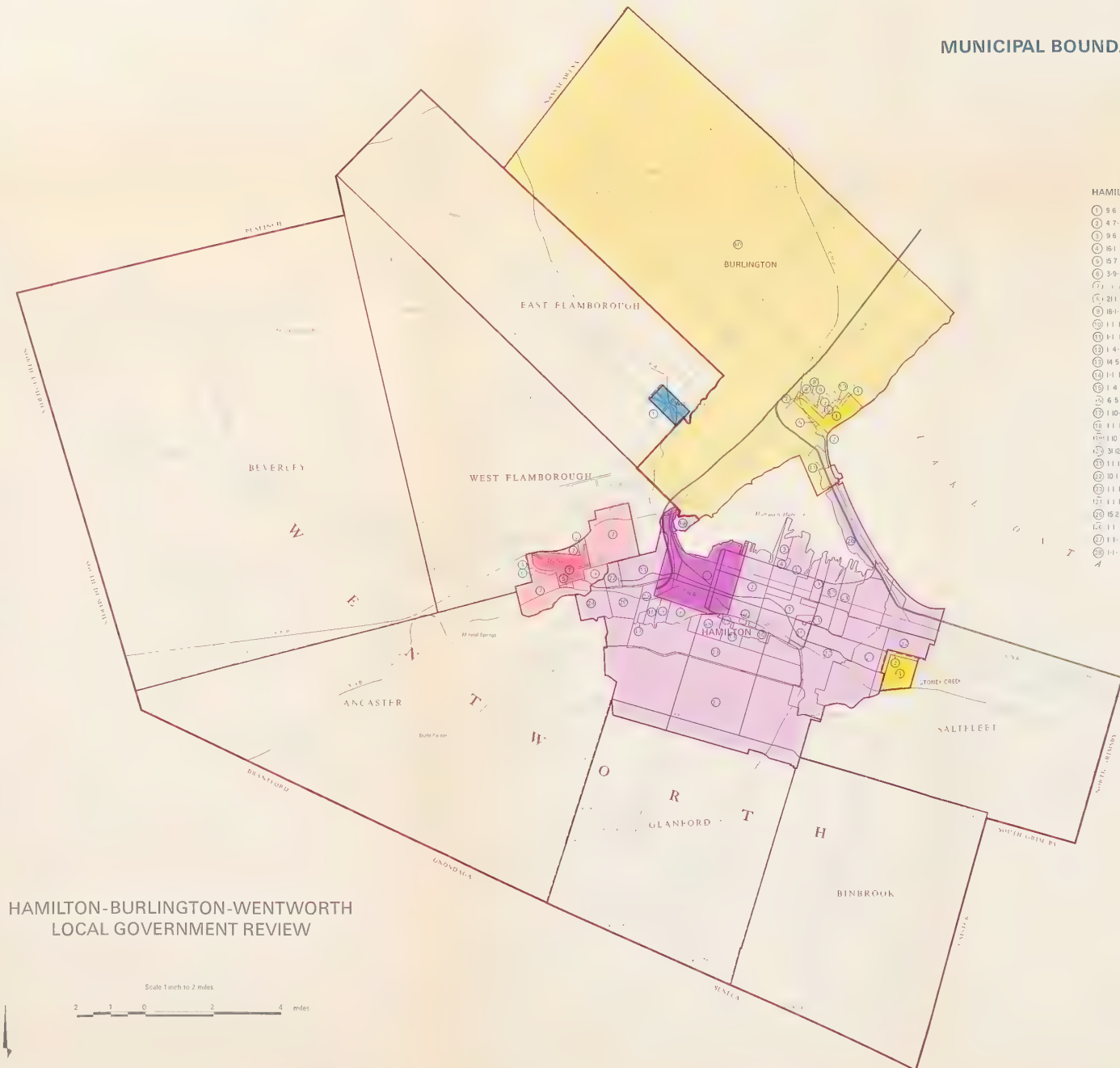
<u>County &amp; Township</u>	<u>Hospital Centre</u>	<u>**Total Cases</u>	<u>% To Total</u>	<u>**Total Days</u>	<u>% To Total</u>
West Flamborough (Dundas)	Hamilton	2,370	88.1	23,391	88.0
	Burlington	195	7.2	1,599	6.0
	Grimsby	1	*	5	*
	Brantford	23	.9	317	1.2
	Toronto	42	1.6	970	3.6
	Remainder	59	2.2	299	1.2
	Total	2,690	100.0	26,581	100.0
Glanford	Hamilton	420	95.5	4,548	94.5
	Burlington	1	.2	3	.1
	Hagersville	8	1.8	164	3.4
	Toronto	6	1.4	73	1.5
	Remainder	5	1.1	25	.5
	Total	440	100.0	4,813	100.0
Saltfleet	Hamilton	533	54.8	5,404	59.5
	Burlington	91	9.4	1,136	12.5
	Grimsby	314	32.3	2,260	24.9
	Toronto	15	1.5	164	1.8
	Remainder	20	2.0	111	1.3
	Total	973	100.0	9,075	100.0







# MUNICIPAL BOUNDARY HISTORIES



## LEGEND

### HAMILTON

- ① 9 6 1846 CITY
- ② 4 7 1891
- ③ 9 6 1902
- ④ 16 1 1903
- ⑤ 15 7 1908
- ⑥ 3 9 1908
- ⑦ 1 1 1929
- ⑧ 21 1 1930
- ⑨ 18 1 1912
- ⑩ 1 1 1914
- ⑪ 1 1 1914
- ⑫ 1 4 1920
- ⑬ 14 5 1921
- ⑭ 1 1 1923
- ⑮ 1 4 1924
- ⑯ 6 5 1925
- ⑰ 1 10 1928
- ⑱ 1 1 1929
- ⑲ 1 10 1929
- ⑳ 31 12 1929
- ㉑ 11 1943
- ㉒ 10 1 1949
- ㉓ 1 1 1952
- ㉔ 1 1 1952
- ㉕ 15 2 1956
- ㉖ 1 1 1957
- ㉗ 1 1 1959
- ㉘ 1 1 1960

### BURLINGTON

- ① 9 9 1873 VILLAGE
- ② 5 6 1910
- ③ 9 12 1914 TOWN
- ④ 1 1 1915
- ⑤ 22 3 1944
- ⑥ 1 12 1947
- ⑦ 1 6 1950
- ⑧ 4 7 1951
- ⑨ 1 1 1953
- ⑩ 1 1 1958
- ⑪ 1 1 1965

### DUNDAS

- ① 1 1 1950 TOWN
- ② 1 7 1951
- ③ 1 1 1952
- ④ 1 1 1953
- ⑤ 1 1 1954
- ⑥ 1 1 1955
- ⑦ 1 1 1960

### STONEY CREEK

- ① 15 12 1930 VILLAGE
- ② 1 1 1953
- ③ 1 1 1956 TOWN

### WATERDOWN

- ① 5 6 1878 VILLAGE

## REFERENCE

- Province Boundary
- Provincial Highway
- Suburban Road
- Major City Thoroughfare
- Railway
- County Boundary
- Other Non-legal Boundaries

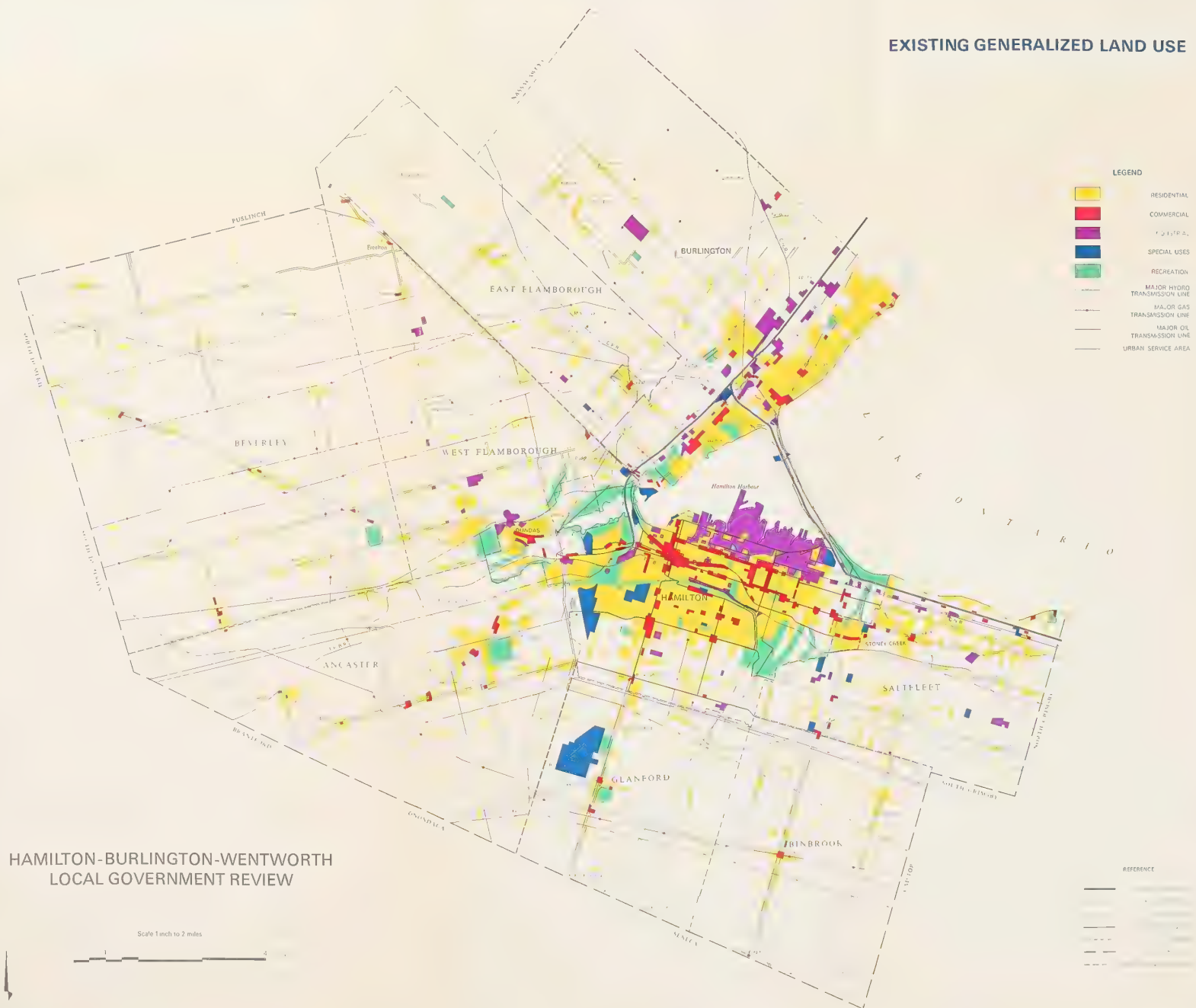
## HAMILTON-BURLINGTON-WENTWORTH LOCAL GOVERNMENT REVIEW

Scale 1 inch to 2 miles

2 1 0 2 4 miles



# EXISTING GENERALIZED LAND USE





# PROJECTED GENERALIZED LAND USE







## DRAINAGE PATTERN

### WATER AND SEWAGE SYSTEMS

HAMILTON-BURLINGTON-WENTWORTH  
LOCAL GOVERNMENT REVIEW

Scale 1 inch to 2 miles

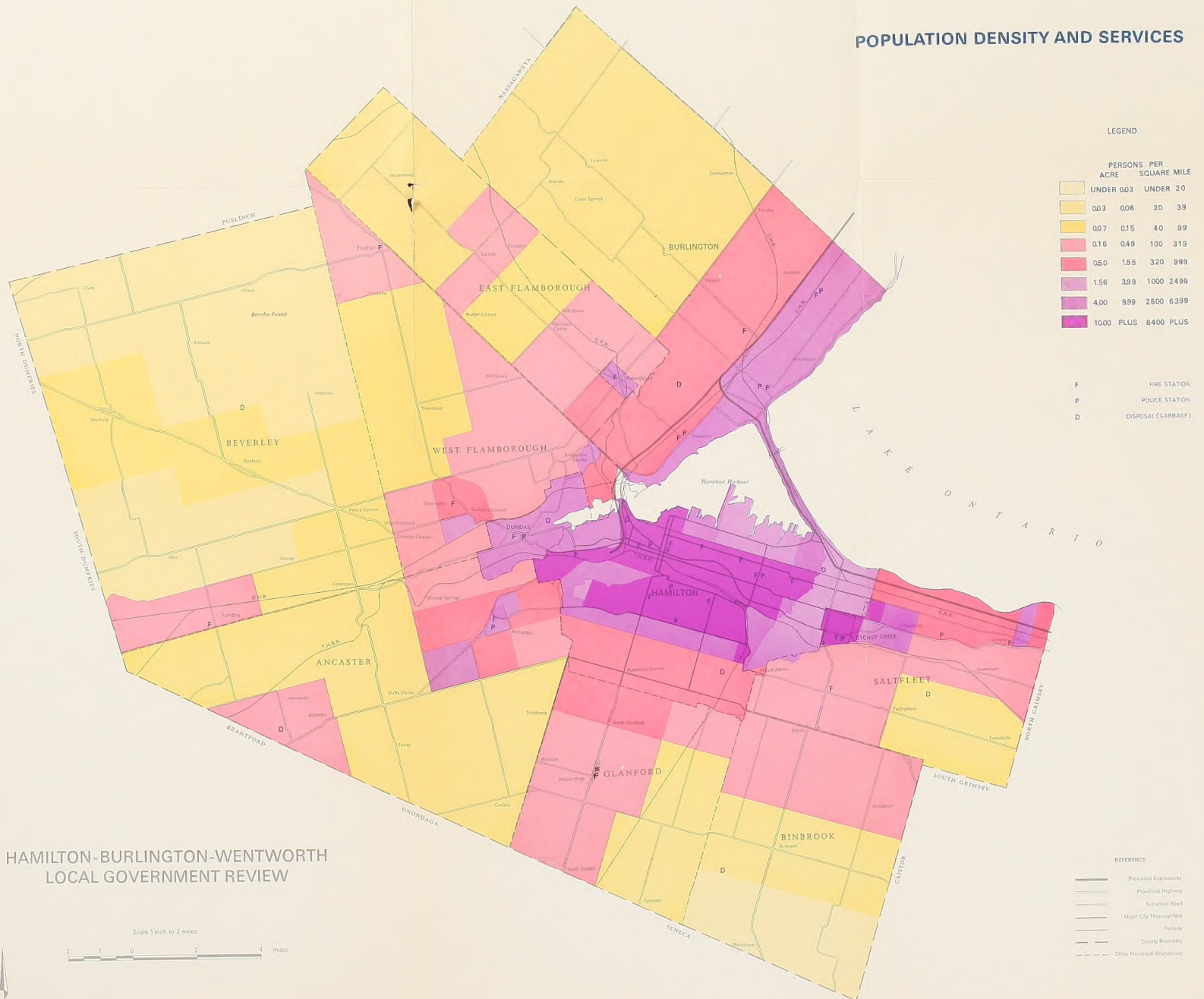
2

#### REFERENCE

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# POPULATION DENSITY AND SERVICES











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